

Band: 25 / Bandwidth: 3MHz / NTNV

Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1851.5	1	0	23.49	-4.51	18.98	<=33.01	Pass
			7	23.60	-4.51	19.09	<=33.01	Pass
			14	23.44	-4.51	18.93	<=33.01	Pass
		8	0	22.70	-4.51	18.19	<=33.01	Pass
			4	22.55	-4.51	18.04	<=33.01	Pass
			7	22.28	-4.51	17.77	<=33.01	Pass
		15	0	22.26	-4.51	17.75	<=33.01	Pass
	1882.5	1	0	23.05	-4.51	18.54	<=33.01	Pass
			7	23.17	-4.51	18.66	<=33.01	Pass
			14	23.00	-4.51	18.49	<=33.01	Pass
		8	0	22.26	-4.51	17.75	<=33.01	Pass
			4	22.29	-4.51	17.78	<=33.01	Pass
			7	22.19	-4.51	17.68	<=33.01	Pass
		15	0	22.20	-4.51	17.69	<=33.01	Pass
	1913.5	1	0	23.00	-4.51	18.49	<=33.01	Pass
			7	23.10	-4.51	18.59	<=33.01	Pass
			14	22.97	-4.51	18.46	<=33.01	Pass
		8	0	22.25	-4.51	17.74	<=33.01	Pass
			4	22.26	-4.51	17.75	<=33.01	Pass
			7	22.16	-4.51	17.65	<=33.01	Pass
16QAM	1851.5	1	0	22.54	-4.51	18.03	<=33.01	Pass
			7	22.67	-4.51	18.16	<=33.01	Pass
			14	22.48	-4.51	17.97	<=33.01	Pass
		8	0	21.39	-4.51	16.88	<=33.01	Pass
			4	21.42	-4.51	16.91	<=33.01	Pass
			7	21.37	-4.51	16.86	<=33.01	Pass
		15	0	21.28	-4.51	16.77	<=33.01	Pass
	1882.5	1	0	22.04	-4.51	17.53	<=33.01	Pass
			7	22.20	-4.51	17.69	<=33.01	Pass
			14	22.07	-4.51	17.56	<=33.01	Pass
		8	0	21.32	-4.51	16.81	<=33.01	Pass
			4	21.39	-4.51	16.88	<=33.01	Pass
			7	21.27	-4.51	16.76	<=33.01	Pass
		15	0	21.32	-4.51	16.81	<=33.01	Pass
	1913.5	1	0	22.16	-4.51	17.65	<=33.01	Pass
			7	22.29	-4.51	17.78	<=33.01	Pass
			14	22.11	-4.51	17.60	<=33.01	Pass
		8	0	21.23	-4.51	16.72	<=33.01	Pass
			4	21.25	-4.51	16.74	<=33.01	Pass
			7	21.21	-4.51	16.70	<=33.01	Pass
		15	0	21.19	-4.51	16.68	<=33.01	Pass

Note1: EIRP=Conducted Power+Antenna Gain

1.1.3 B25_5MHz_EIRP

Band: 25 / Bandwidth: 5MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1852.5	1	0	23.27	-4.51	18.76	<=33.01	Pass
			13	23.40	-4.51	18.89	<=33.01	Pass
			24	23.25	-4.51	18.74	<=33.01	Pass
		12	0	22.30	-4.51	17.79	<=33.01	Pass
			6	22.35	-4.51	17.84	<=33.01	Pass
			13	22.25	-4.51	17.74	<=33.01	Pass

16QAM	1882.5	25	0	22.28	-4.51	17.77	<=33.01	Pass
		1	0	23.30	-4.51	18.79	<=33.01	Pass
			13	23.44	-4.51	18.93	<=33.01	Pass
			24	23.24	-4.51	18.73	<=33.01	Pass
		12	0	22.34	-4.51	17.83	<=33.01	Pass
			6	22.40	-4.51	17.89	<=33.01	Pass
			13	22.26	-4.51	17.75	<=33.01	Pass
		25	0	22.34	-4.51	17.83	<=33.01	Pass
	1912.5	1	0	23.25	-4.51	18.74	<=33.01	Pass
			13	23.39	-4.51	18.88	<=33.01	Pass
			24	23.25	-4.51	18.74	<=33.01	Pass
		12	0	22.41	-4.51	17.90	<=33.01	Pass
			6	22.36	-4.51	17.85	<=33.01	Pass
			13	22.34	-4.51	17.83	<=33.01	Pass
		25	0	22.36	-4.51	17.85	<=33.01	Pass
	1852.5	1	0	22.53	-4.51	18.02	<=33.01	Pass
			13	22.63	-4.51	18.12	<=33.01	Pass
			24	22.56	-4.51	18.05	<=33.01	Pass
		12	0	21.36	-4.51	16.85	<=33.01	Pass
			6	21.38	-4.51	16.87	<=33.01	Pass
			13	21.31	-4.51	16.80	<=33.01	Pass
		25	0	21.35	-4.51	16.84	<=33.01	Pass
	1882.5	1	0	22.17	-4.51	17.66	<=33.01	Pass
			13	22.30	-4.51	17.79	<=33.01	Pass
			24	22.17	-4.51	17.66	<=33.01	Pass
		12	0	21.37	-4.51	16.86	<=33.01	Pass
			6	21.41	-4.51	16.90	<=33.01	Pass
			13	21.32	-4.51	16.81	<=33.01	Pass
		25	0	21.39	-4.51	16.88	<=33.01	Pass
	1912.5	1	0	22.35	-4.51	17.84	<=33.01	Pass
			13	22.46	-4.51	17.95	<=33.01	Pass
			24	22.40	-4.51	17.89	<=33.01	Pass
		12	0	21.40	-4.51	16.89	<=33.01	Pass
			6	21.38	-4.51	16.87	<=33.01	Pass
			13	21.26	-4.51	16.75	<=33.01	Pass
		25	0	21.46	-4.51	16.95	<=33.01	Pass

Note1: EIRP=Conducted Power+Antenna Gain

1.1.4 B25_10MHz_EIRP

Band: 25 / Bandwidth: 10MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1855	1	0	23.36	-4.51	18.85	<=33.01	Pass
			25	23.40	-4.51	18.89	<=33.01	Pass
			49	23.49	-4.51	18.98	<=33.01	Pass
		25	0	22.35	-4.51	17.84	<=33.01	Pass
			13	22.40	-4.51	17.89	<=33.01	Pass
			25	22.39	-4.51	17.88	<=33.01	Pass
		50	0	22.42	-4.51	17.91	<=33.01	Pass
	1882.5	1	0	23.32	-4.51	18.81	<=33.01	Pass
			25	23.45	-4.51	18.94	<=33.01	Pass
			49	23.35	-4.51	18.84	<=33.01	Pass
		25	0	22.37	-4.51	17.86	<=33.01	Pass
			13	22.45	-4.51	17.94	<=33.01	Pass
			25	22.23	-4.51	17.72	<=33.01	Pass
		50	0	22.28	-4.51	17.77	<=33.01	Pass

16QAM	1910	1	0	23.17	-4.51	18.66	<=33.01	Pass
			25	23.34	-4.51	18.83	<=33.01	Pass
			49	23.29	-4.51	18.78	<=33.01	Pass
		25	0	22.46	-4.51	17.95	<=33.01	Pass
			13	22.31	-4.51	17.80	<=33.01	Pass
			25	22.17	-4.51	17.66	<=33.01	Pass
		50	0	22.35	-4.51	17.84	<=33.01	Pass
	1855	1	0	22.36	-4.51	17.85	<=33.01	Pass
			25	22.44	-4.51	17.93	<=33.01	Pass
			49	22.45	-4.51	17.94	<=33.01	Pass
		25	0	21.49	-4.51	16.98	<=33.01	Pass
			13	21.58	-4.51	17.07	<=33.01	Pass
			25	21.50	-4.51	16.99	<=33.01	Pass
		50	0	21.47	-4.51	16.96	<=33.01	Pass
	1882.5	1	0	22.49	-4.51	17.98	<=33.01	Pass
			25	22.58	-4.51	18.07	<=33.01	Pass
			49	22.50	-4.51	17.99	<=33.01	Pass
		25	0	21.43	-4.51	16.92	<=33.01	Pass
			13	21.46	-4.51	16.95	<=33.01	Pass
			25	21.27	-4.51	16.76	<=33.01	Pass
		50	0	21.30	-4.51	16.79	<=33.01	Pass
	1910	1	0	22.75	-4.51	18.24	<=33.01	Pass
			25	22.89	-4.51	18.38	<=33.01	Pass
			49	22.81	-4.51	18.30	<=33.01	Pass
		25	0	21.53	-4.51	17.02	<=33.01	Pass
			13	21.35	-4.51	16.84	<=33.01	Pass
			25	21.28	-4.51	16.77	<=33.01	Pass
		50	0	21.40	-4.51	16.89	<=33.01	Pass

Note1: EIRP=Conducted Power+Antenna Gain

1.1.5 B25_15MHz_EIRP

Band: 25 / Bandwidth: 15MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1857.5	1	0	23.25	-4.51	18.74	<=33.01	Pass
			38	23.38	-4.51	18.87	<=33.01	Pass
			74	23.35	-4.51	18.84	<=33.01	Pass
		36	0	22.33	-4.51	17.82	<=33.01	Pass
			18	22.37	-4.51	17.86	<=33.01	Pass
			39	22.39	-4.51	17.88	<=33.01	Pass
		75	0	22.39	-4.51	17.88	<=33.01	Pass
	1882.5	1	0	23.29	-4.51	18.78	<=33.01	Pass
			38	23.44	-4.51	18.93	<=33.01	Pass
			74	23.33	-4.51	18.82	<=33.01	Pass
		36	0	22.32	-4.51	17.81	<=33.01	Pass
			18	22.36	-4.51	17.85	<=33.01	Pass
			39	22.18	-4.51	17.67	<=33.01	Pass
		75	0	22.34	-4.51	17.83	<=33.01	Pass
	1907.5	1	0	23.02	-4.51	18.51	<=33.01	Pass
			38	23.29	-4.51	18.78	<=33.01	Pass
			74	23.23	-4.51	18.72	<=33.01	Pass
		36	0	22.05	-4.51	17.54	<=33.01	Pass
			18	22.23	-4.51	17.72	<=33.01	Pass
			39	22.07	-4.51	17.56	<=33.01	Pass
		75	0	22.12	-4.51	17.61	<=33.01	Pass
16QAM	1857.5	1	0	22.64	-4.51	18.13	<=33.01	Pass

		36	38	22.87	-4.51	18.36	<=33.01	Pass
			74	22.77	-4.51	18.26	<=33.01	Pass
			0	21.37	-4.51	16.86	<=33.01	Pass
			18	21.40	-4.51	16.89	<=33.01	Pass
			39	21.44	-4.51	16.93	<=33.01	Pass
		75	0	21.41	-4.51	16.90	<=33.01	Pass
	1882.5	1	0	22.47	-4.51	17.96	<=33.01	Pass
			38	22.56	-4.51	18.05	<=33.01	Pass
			74	22.45	-4.51	17.94	<=33.01	Pass
		36	0	21.37	-4.51	16.86	<=33.01	Pass
			18	21.40	-4.51	16.89	<=33.01	Pass
			39	21.24	-4.51	16.73	<=33.01	Pass
		75	0	21.29	-4.51	16.78	<=33.01	Pass
	1907.5	1	0	22.69	-4.51	18.18	<=33.01	Pass
			38	22.82	-4.51	18.31	<=33.01	Pass
			74	22.79	-4.51	18.28	<=33.01	Pass
		36	0	21.09	-4.51	16.58	<=33.01	Pass
			18	21.27	-4.51	16.76	<=33.01	Pass
			39	21.10	-4.51	16.59	<=33.01	Pass
		75	0	21.11	-4.51	16.60	<=33.01	Pass

Note1: EIRP=Conducted Power+Antenna Gain

1.1.6 B25_20MHz_EIRP

Band: 25 / Bandwidth: 20MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1860	1	0	23.17	-4.51	18.66	<=33.01	Pass
			50	23.51	-4.51	19.00	<=33.01	Pass
			99	23.38	-4.51	18.87	<=33.01	Pass
		50	0	22.45	-4.51	17.94	<=33.01	Pass
			25	22.51	-4.51	18.00	<=33.01	Pass
			50	22.60	-4.51	18.09	<=33.01	Pass
		100	0	22.50	-4.51	17.99	<=33.01	Pass
	1882.5	1	0	23.21	-4.51	18.70	<=33.01	Pass
			50	23.43	-4.51	18.92	<=33.01	Pass
			99	23.26	-4.51	18.75	<=33.01	Pass
		50	0	22.33	-4.51	17.82	<=33.01	Pass
			25	22.41	-4.51	17.90	<=33.01	Pass
			50	22.16	-4.51	17.65	<=33.01	Pass
		100	0	22.27	-4.51	17.76	<=33.01	Pass
	1905	1	0	23.08	-4.51	18.57	<=33.01	Pass
			50	23.29	-4.51	18.78	<=33.01	Pass
			99	23.25	-4.51	18.74	<=33.01	Pass
		50	0	22.01	-4.51	17.50	<=33.01	Pass
			25	22.24	-4.51	17.73	<=33.01	Pass
			50	21.86	-4.51	17.35	<=33.01	Pass
		100	0	21.87	-4.51	17.36	<=33.01	Pass
16QAM	1860	1	0	22.44	-4.51	17.93	<=33.01	Pass
			50	22.79	-4.51	18.28	<=33.01	Pass
			99	22.67	-4.51	18.16	<=33.01	Pass
		50	0	21.47	-4.51	16.96	<=33.01	Pass
			25	21.46	-4.51	16.95	<=33.01	Pass
			50	21.65	-4.51	17.14	<=33.01	Pass
		100	0	21.50	-4.51	16.99	<=33.01	Pass
	1882.5	1	0	22.75	-4.51	18.24	<=33.01	Pass
			50	22.98	-4.51	18.47	<=33.01	Pass

		50	99	22.80	-4.51	18.29	<=33.01	Pass
			0	21.38	-4.51	16.87	<=33.01	Pass
			25	21.41	-4.51	16.90	<=33.01	Pass
			50	21.24	-4.51	16.73	<=33.01	Pass
	1905	100	0	21.25	-4.51	16.74	<=33.01	Pass
			0	22.33	-4.51	17.82	<=33.01	Pass
			50	22.51	-4.51	18.00	<=33.01	Pass
		50	99	22.45	-4.51	17.94	<=33.01	Pass
			0	20.97	-4.51	16.46	<=33.01	Pass
			25	21.27	-4.51	16.76	<=33.01	Pass
			50	20.85	-4.51	16.34	<=33.01	Pass
		100	0	20.90	-4.51	16.39	<=33.01	Pass

Note1: EIRP=Conducted Power+Antenna Gain

2. Frequency Stability

2.1 Test Result

2.1.1 B25_1.4MHz

Band: 25 / Bandwidth: 1.4MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1850.7	6	0	20	3.27	-14.420	-0.0078	-2.5 to 2.5	Pass
					3.85	1.445	0.0008	-2.5 to 2.5	Pass
					4.43	-9.828	-0.0053	-2.5 to 2.5	Pass
				-30	3.85	-7.153	-0.0039	-2.5 to 2.5	Pass
				-20	3.85	-13.676	-0.0074	-2.5 to 2.5	Pass
				-10	3.85	-3.233	-0.0017	-2.5 to 2.5	Pass
				0	3.85	-2.489	-0.0013	-2.5 to 2.5	Pass
				10	3.85	-4.206	-0.0023	-2.5 to 2.5	Pass
				30	3.85	-16.551	-0.0089	-2.5 to 2.5	Pass
				40	3.85	4.764	0.0026	-2.5 to 2.5	Pass
				50	3.85	4.034	0.0022	-2.5 to 2.5	Pass
	1882.5	6	0	20	3.27	-18.597	-0.0099	-2.5 to 2.5	Pass
					3.85	9.155	0.0049	-2.5 to 2.5	Pass
					4.43	-13.833	-0.0073	-2.5 to 2.5	Pass
				-30	3.85	-8.311	-0.0044	-2.5 to 2.5	Pass
				-20	3.85	-1.373	-0.0007	-2.5 to 2.5	Pass
				-10	3.85	9.398	0.0050	-2.5 to 2.5	Pass
				0	3.85	5.579	0.0030	-2.5 to 2.5	Pass
				10	3.85	-11.859	-0.0063	-2.5 to 2.5	Pass
				30	3.85	-2.060	-0.0011	-2.5 to 2.5	Pass
				40	3.85	-10.271	-0.0055	-2.5 to 2.5	Pass
				50	3.85	0.844	0.0004	-2.5 to 2.5	Pass
	1914.3	6	0	20	3.27	-8.311	-0.0043	-2.5 to 2.5	Pass
					3.85	3.805	0.0020	-2.5 to 2.5	Pass
					4.43	3.605	0.0019	-2.5 to 2.5	Pass
				-30	3.85	-7.768	-0.0041	-2.5 to 2.5	Pass
				-20	3.85	-13.175	-0.0069	-2.5 to 2.5	Pass
				-10	3.85	-7.482	-0.0039	-2.5 to 2.5	Pass
				0	3.85	3.076	0.0016	-2.5 to 2.5	Pass
				10	3.85	-16.665	-0.0087	-2.5 to 2.5	Pass
				30	3.85	4.706	0.0025	-2.5 to 2.5	Pass
				40	3.85	2.289	0.0012	-2.5 to 2.5	Pass
				50	3.85	-9.241	-0.0048	-2.5 to 2.5	Pass

16QAM	1850.7	6	0	20	3.27	-12.560	-0.0068	-2.5 to 2.5	Pass
					3.85	-15.006	-0.0081	-2.5 to 2.5	Pass
					4.43	-1.302	-0.0007	-2.5 to 2.5	Pass
				-30	3.85	6.738	0.0036	-2.5 to 2.5	Pass
				-20	3.85	7.410	0.0040	-2.5 to 2.5	Pass
				-10	3.85	-13.962	-0.0075	-2.5 to 2.5	Pass
				0	3.85	9.084	0.0049	-2.5 to 2.5	Pass
				10	3.85	-2.632	-0.0014	-2.5 to 2.5	Pass
				30	3.85	-22.616	-0.0122	-2.5 to 2.5	Pass
				40	3.85	-6.509	-0.0035	-2.5 to 2.5	Pass
				50	3.85	7.396	0.0040	-2.5 to 2.5	Pass
	1882.5	6	0	20	3.27	-14.634	-0.0078	-2.5 to 2.5	Pass
					3.85	-11.158	-0.0059	-2.5 to 2.5	Pass
					4.43	17.223	0.0091	-2.5 to 2.5	Pass
				-30	3.85	5.479	0.0029	-2.5 to 2.5	Pass
				-20	3.85	4.992	0.0027	-2.5 to 2.5	Pass
				-10	3.85	15.764	0.0084	-2.5 to 2.5	Pass
				0	3.85	7.725	0.0041	-2.5 to 2.5	Pass
				10	3.85	-8.883	-0.0047	-2.5 to 2.5	Pass
				30	3.85	13.747	0.0073	-2.5 to 2.5	Pass
				40	3.85	-13.790	-0.0073	-2.5 to 2.5	Pass
				50	3.85	16.651	0.0088	-2.5 to 2.5	Pass
	1914.3	6	0	20	3.27	-9.527	-0.0050	-2.5 to 2.5	Pass
					3.85	-18.411	-0.0096	-2.5 to 2.5	Pass
					4.43	-7.210	-0.0038	-2.5 to 2.5	Pass
				-30	3.85	12.317	0.0064	-2.5 to 2.5	Pass
				-20	3.85	7.982	0.0042	-2.5 to 2.5	Pass
				-10	3.85	-7.811	-0.0041	-2.5 to 2.5	Pass
				0	3.85	1.287	0.0007	-2.5 to 2.5	Pass
				10	3.85	-6.065	-0.0032	-2.5 to 2.5	Pass
				30	3.85	14.391	0.0075	-2.5 to 2.5	Pass
				40	3.85	3.133	0.0016	-2.5 to 2.5	Pass
				50	3.85	8.211	0.0043	-2.5 to 2.5	Pass

2.1.2 B25_3MHz

Band: 25 / Bandwidth: 3MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1851.5	15	0	20	3.27	10.057	0.0054	-2.5 to 2.5	Pass
					3.85	-3.519	-0.0019	-2.5 to 2.5	Pass
					4.43	-7.324	-0.0040	-2.5 to 2.5	Pass
				-30	3.85	6.995	0.0038	-2.5 to 2.5	Pass
				-20	3.85	11.201	0.0060	-2.5 to 2.5	Pass
				-10	3.85	11.287	0.0061	-2.5 to 2.5	Pass
				0	3.85	-0.186	-0.0001	-2.5 to 2.5	Pass
				10	3.85	-3.061	-0.0017	-2.5 to 2.5	Pass
				30	3.85	-3.963	-0.0021	-2.5 to 2.5	Pass
				40	3.85	-0.243	-0.0001	-2.5 to 2.5	Pass
				50	3.85	-9.828	-0.0053	-2.5 to 2.5	Pass
	1882.5	15	0	20	3.27	-0.801	-0.0004	-2.5 to 2.5	Pass
					3.85	-5.221	-0.0028	-2.5 to 2.5	Pass
					4.43	5.107	0.0027	-2.5 to 2.5	Pass
				-30	3.85	-6.995	-0.0037	-2.5 to 2.5	Pass
				-20	3.85	15.206	0.0081	-2.5 to 2.5	Pass
				-10	3.85	7.453	0.0040	-2.5 to 2.5	Pass
				0	3.85	-9.184	-0.0049	-2.5 to 2.5	Pass

				10	3.85	-9.270	-0.0049	-2.5 to 2.5	Pass
				30	3.85	-5.851	-0.0031	-2.5 to 2.5	Pass
				40	3.85	3.948	0.0021	-2.5 to 2.5	Pass
				50	3.85	8.154	0.0043	-2.5 to 2.5	Pass
	1913.5	15	0	20	3.27	6.723	0.0035	-2.5 to 2.5	Pass
					3.85	5.264	0.0028	-2.5 to 2.5	Pass
					4.43	12.403	0.0065	-2.5 to 2.5	Pass
				-30	3.85	-8.111	-0.0042	-2.5 to 2.5	Pass
				-20	3.85	-11.902	-0.0062	-2.5 to 2.5	Pass
				-10	3.85	-10.099	-0.0053	-2.5 to 2.5	Pass
				0	3.85	-2.418	-0.0013	-2.5 to 2.5	Pass
				10	3.85	-9.484	-0.0050	-2.5 to 2.5	Pass
				30	3.85	0.758	0.0004	-2.5 to 2.5	Pass
				40	3.85	-1.717	-0.0009	-2.5 to 2.5	Pass
				50	3.85	4.864	0.0025	-2.5 to 2.5	Pass
16QAM	1851.5	15	0	20	3.27	3.333	0.0018	-2.5 to 2.5	Pass
					3.85	-11.230	-0.0061	-2.5 to 2.5	Pass
					4.43	3.161	0.0017	-2.5 to 2.5	Pass
				-30	3.85	9.198	0.0050	-2.5 to 2.5	Pass
				-20	3.85	-10.672	-0.0058	-2.5 to 2.5	Pass
				-10	3.85	-7.167	-0.0039	-2.5 to 2.5	Pass
				0	3.85	-13.590	-0.0073	-2.5 to 2.5	Pass
				10	3.85	10.829	0.0058	-2.5 to 2.5	Pass
				30	3.85	-13.418	-0.0072	-2.5 to 2.5	Pass
				40	3.85	1.674	0.0009	-2.5 to 2.5	Pass
				50	3.85	5.479	0.0030	-2.5 to 2.5	Pass
	1882.5	15	0	20	3.27	-5.279	-0.0028	-2.5 to 2.5	Pass
					3.85	0.286	0.0002	-2.5 to 2.5	Pass
					4.43	2.375	0.0013	-2.5 to 2.5	Pass
				-30	3.85	1.774	0.0009	-2.5 to 2.5	Pass
				-20	3.85	8.698	0.0046	-2.5 to 2.5	Pass
				-10	3.85	2.003	0.0011	-2.5 to 2.5	Pass
				0	3.85	2.003	0.0011	-2.5 to 2.5	Pass
				10	3.85	-18.883	-0.0100	-2.5 to 2.5	Pass
				30	3.85	-2.847	-0.0015	-2.5 to 2.5	Pass
				40	3.85	12.932	0.0069	-2.5 to 2.5	Pass
				50	3.85	-9.956	-0.0053	-2.5 to 2.5	Pass
	1913.5	15	0	20	3.27	-10.600	-0.0055	-2.5 to 2.5	Pass
					3.85	-3.505	-0.0018	-2.5 to 2.5	Pass
					4.43	7.353	0.0038	-2.5 to 2.5	Pass
				-30	3.85	-5.822	-0.0030	-2.5 to 2.5	Pass
				-20	3.85	12.188	0.0064	-2.5 to 2.5	Pass
				-10	3.85	13.247	0.0069	-2.5 to 2.5	Pass
				0	3.85	10.343	0.0054	-2.5 to 2.5	Pass
				10	3.85	8.039	0.0042	-2.5 to 2.5	Pass
				30	3.85	0.329	0.0002	-2.5 to 2.5	Pass
				40	3.85	-10.571	-0.0055	-2.5 to 2.5	Pass
				50	3.85	14.434	0.0075	-2.5 to 2.5	Pass

2.1.3 B25_5MHz

Band: 25 / Bandwidth: 5MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1852.5	25	0	20	3.27	-2.432	-0.0013	-2.5 to 2.5	Pass
					3.85	-0.472	-0.0003	-2.5 to 2.5	Pass
					4.43	-6.881	-0.0037	-2.5 to 2.5	Pass

				-30	3.85	-0.114	-0.0001	-2.5 to 2.5	Pass
				-20	3.85	5.121	0.0028	-2.5 to 2.5	Pass
				-10	3.85	4.363	0.0024	-2.5 to 2.5	Pass
				0	3.85	-1.359	-0.0007	-2.5 to 2.5	Pass
				10	3.85	3.204	0.0017	-2.5 to 2.5	Pass
				30	3.85	-0.272	-0.0001	-2.5 to 2.5	Pass
				40	3.85	1.988	0.0011	-2.5 to 2.5	Pass
				50	3.85	-2.589	-0.0014	-2.5 to 2.5	Pass
	1882.5	25	0	20	3.27	-0.715	-0.0004	-2.5 to 2.5	Pass
					3.85	-1.817	-0.0010	-2.5 to 2.5	Pass
					4.43	0.014	0.0000	-2.5 to 2.5	Pass
				-30	3.85	-1.302	-0.0007	-2.5 to 2.5	Pass
				-20	3.85	-6.824	-0.0036	-2.5 to 2.5	Pass
				-10	3.85	-4.864	-0.0026	-2.5 to 2.5	Pass
				0	3.85	-1.616	-0.0009	-2.5 to 2.5	Pass
				10	3.85	-0.973	-0.0005	-2.5 to 2.5	Pass
				30	3.85	-5.264	-0.0028	-2.5 to 2.5	Pass
				40	3.85	-9.027	-0.0048	-2.5 to 2.5	Pass
				50	3.85	13.103	0.0070	-2.5 to 2.5	Pass
	1912.5	25	0	20	3.27	0.558	0.0003	-2.5 to 2.5	Pass
					3.85	-1.459	-0.0008	-2.5 to 2.5	Pass
					4.43	3.405	0.0018	-2.5 to 2.5	Pass
				-30	3.85	0.157	0.0001	-2.5 to 2.5	Pass
				-20	3.85	17.781	0.0093	-2.5 to 2.5	Pass
				-10	3.85	0.300	0.0002	-2.5 to 2.5	Pass
				0	3.85	-0.029	0.0000	-2.5 to 2.5	Pass
				10	3.85	-11.172	-0.0058	-2.5 to 2.5	Pass
				30	3.85	-0.315	-0.0002	-2.5 to 2.5	Pass
				40	3.85	1.774	0.0009	-2.5 to 2.5	Pass
				50	3.85	-1.202	-0.0006	-2.5 to 2.5	Pass
	1852.5	25	0	20	3.27	-8.883	-0.0048	-2.5 to 2.5	Pass
					3.85	-0.014	0.0000	-2.5 to 2.5	Pass
					4.43	5.808	0.0031	-2.5 to 2.5	Pass
				-30	3.85	2.046	0.0011	-2.5 to 2.5	Pass
				-20	3.85	-1.030	-0.0006	-2.5 to 2.5	Pass
				-10	3.85	1.717	0.0009	-2.5 to 2.5	Pass
				0	3.85	1.602	0.0009	-2.5 to 2.5	Pass
				10	3.85	-2.890	-0.0016	-2.5 to 2.5	Pass
				30	3.85	8.011	0.0043	-2.5 to 2.5	Pass
				40	3.85	-9.413	-0.0051	-2.5 to 2.5	Pass
				50	3.85	0.100	0.0001	-2.5 to 2.5	Pass
	1882.5	25	0	20	3.27	-1.888	-0.0010	-2.5 to 2.5	Pass
					3.85	-6.337	-0.0034	-2.5 to 2.5	Pass
					4.43	-3.176	-0.0017	-2.5 to 2.5	Pass
				-30	3.85	6.838	0.0036	-2.5 to 2.5	Pass
				-20	3.85	5.679	0.0030	-2.5 to 2.5	Pass
				-10	3.85	-1.817	-0.0010	-2.5 to 2.5	Pass
				0	3.85	3.676	0.0020	-2.5 to 2.5	Pass
				10	3.85	-18.482	-0.0098	-2.5 to 2.5	Pass
				30	3.85	-3.390	-0.0018	-2.5 to 2.5	Pass
				40	3.85	-4.835	-0.0026	-2.5 to 2.5	Pass
				50	3.85	-6.809	-0.0036	-2.5 to 2.5	Pass
	1912.5	25	0	20	3.27	-2.575	-0.0013	-2.5 to 2.5	Pass
					3.85	3.319	0.0017	-2.5 to 2.5	Pass
					4.43	-9.198	-0.0048	-2.5 to 2.5	Pass
				-30	3.85	1.860	0.0010	-2.5 to 2.5	Pass
				-20	3.85	-10.157	-0.0053	-2.5 to 2.5	Pass
				-10	3.85	0.415	0.0002	-2.5 to 2.5	Pass
				0	3.85	-2.103	-0.0011	-2.5 to 2.5	Pass

				10	3.85	-4.063	-0.0021	-2.5 to 2.5	Pass
				30	3.85	10.314	0.0054	-2.5 to 2.5	Pass
				40	3.85	6.008	0.0031	-2.5 to 2.5	Pass
				50	3.85	1.960	0.0010	-2.5 to 2.5	Pass

2.1.4 B25_10MHz

Band: 25 / Bandwidth: 10MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1855	50	0	20	3.27	4.106	0.0022	-2.5 to 2.5	Pass
					3.85	-4.191	-0.0023	-2.5 to 2.5	Pass
					4.43	-6.766	-0.0036	-2.5 to 2.5	Pass
				-30	3.85	-0.901	-0.0005	-2.5 to 2.5	Pass
				-20	3.85	-0.057	0.0000	-2.5 to 2.5	Pass
				-10	3.85	-1.888	-0.0010	-2.5 to 2.5	Pass
				0	3.85	-2.346	-0.0013	-2.5 to 2.5	Pass
				10	3.85	3.176	0.0017	-2.5 to 2.5	Pass
				30	3.85	-1.674	-0.0009	-2.5 to 2.5	Pass
				40	3.85	-5.937	-0.0032	-2.5 to 2.5	Pass
				50	3.85	0.000	0.0000	-2.5 to 2.5	Pass
	1882.5	50	0	20	3.27	-0.243	-0.0001	-2.5 to 2.5	Pass
					3.85	-0.801	-0.0004	-2.5 to 2.5	Pass
					4.43	-2.904	-0.0015	-2.5 to 2.5	Pass
				-30	3.85	-1.559	-0.0008	-2.5 to 2.5	Pass
				-20	3.85	1.159	0.0006	-2.5 to 2.5	Pass
				-10	3.85	-1.831	-0.0010	-2.5 to 2.5	Pass
				0	3.85	-2.460	-0.0013	-2.5 to 2.5	Pass
				10	3.85	-2.675	-0.0014	-2.5 to 2.5	Pass
				30	3.85	-6.223	-0.0033	-2.5 to 2.5	Pass
				40	3.85	-3.376	-0.0018	-2.5 to 2.5	Pass
				50	3.85	-3.891	-0.0021	-2.5 to 2.5	Pass
	1910	50	0	20	3.27	-2.761	-0.0014	-2.5 to 2.5	Pass
					3.85	10.643	0.0056	-2.5 to 2.5	Pass
					4.43	2.160	0.0011	-2.5 to 2.5	Pass
				-30	3.85	-1.130	-0.0006	-2.5 to 2.5	Pass
				-20	3.85	0.315	0.0002	-2.5 to 2.5	Pass
				-10	3.85	6.080	0.0032	-2.5 to 2.5	Pass
				0	3.85	5.007	0.0026	-2.5 to 2.5	Pass
				10	3.85	-1.788	-0.0009	-2.5 to 2.5	Pass
				30	3.85	2.103	0.0011	-2.5 to 2.5	Pass
				40	3.85	-3.676	-0.0019	-2.5 to 2.5	Pass
16QAM	1855	50	0	20	3.27	-3.619	-0.0020	-2.5 to 2.5	Pass
					3.85	-3.691	-0.0020	-2.5 to 2.5	Pass
					4.43	6.380	0.0034	-2.5 to 2.5	Pass
				-30	3.85	0.257	0.0001	-2.5 to 2.5	Pass
				-20	3.85	-3.433	-0.0019	-2.5 to 2.5	Pass
				-10	3.85	-1.345	-0.0007	-2.5 to 2.5	Pass
				0	3.85	-6.466	-0.0035	-2.5 to 2.5	Pass
				10	3.85	-0.515	-0.0003	-2.5 to 2.5	Pass
				30	3.85	-0.844	-0.0005	-2.5 to 2.5	Pass
				40	3.85	0.658	0.0004	-2.5 to 2.5	Pass
				50	3.85	-1.388	-0.0007	-2.5 to 2.5	Pass
	1882.5	50	0	20	3.27	-2.546	-0.0014	-2.5 to 2.5	Pass
					3.85	4.592	0.0024	-2.5 to 2.5	Pass
					4.43	5.908	0.0031	-2.5 to 2.5	Pass

				-30	3.85	0.458	0.0002	-2.5 to 2.5	Pass
				-20	3.85	-1.588	-0.0008	-2.5 to 2.5	Pass
				-10	3.85	-0.801	-0.0004	-2.5 to 2.5	Pass
				0	3.85	-8.154	-0.0043	-2.5 to 2.5	Pass
				10	3.85	-5.808	-0.0031	-2.5 to 2.5	Pass
				30	3.85	1.073	0.0006	-2.5 to 2.5	Pass
				40	3.85	-4.120	-0.0022	-2.5 to 2.5	Pass
				50	3.85	2.646	0.0014	-2.5 to 2.5	Pass
	1910	50	0	20	3.27	0.358	0.0002	-2.5 to 2.5	Pass
					3.85	-5.007	-0.0026	-2.5 to 2.5	Pass
					4.43	-4.992	-0.0026	-2.5 to 2.5	Pass
				-30	3.85	3.862	0.0020	-2.5 to 2.5	Pass
				-20	3.85	-2.103	-0.0011	-2.5 to 2.5	Pass
				-10	3.85	2.303	0.0012	-2.5 to 2.5	Pass
				0	3.85	4.492	0.0024	-2.5 to 2.5	Pass
				10	3.85	-1.273	-0.0007	-2.5 to 2.5	Pass
				30	3.85	-2.103	-0.0011	-2.5 to 2.5	Pass
				40	3.85	-3.848	-0.0020	-2.5 to 2.5	Pass
				50	3.85	-0.815	-0.0004	-2.5 to 2.5	Pass

2.1.5 B25_15MHz

Band: 25 / Bandwidth: 15MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1857.5	75	0	20	3.27	-5.393	-0.0029	-2.5 to 2.5	Pass
					3.85	1.116	0.0006	-2.5 to 2.5	Pass
					4.43	2.203	0.0012	-2.5 to 2.5	Pass
				-30	3.85	-2.618	-0.0014	-2.5 to 2.5	Pass
				-20	3.85	-7.167	-0.0039	-2.5 to 2.5	Pass
				-10	3.85	-1.316	-0.0007	-2.5 to 2.5	Pass
				0	3.85	1.101	0.0006	-2.5 to 2.5	Pass
				10	3.85	1.245	0.0007	-2.5 to 2.5	Pass
				30	3.85	-3.462	-0.0019	-2.5 to 2.5	Pass
				40	3.85	1.187	0.0006	-2.5 to 2.5	Pass
				50	3.85	-4.306	-0.0023	-2.5 to 2.5	Pass
	1882.5	75	0	20	3.27	-0.644	-0.0003	-2.5 to 2.5	Pass
					3.85	2.804	0.0015	-2.5 to 2.5	Pass
					4.43	-3.719	-0.0020	-2.5 to 2.5	Pass
				-30	3.85	1.287	0.0007	-2.5 to 2.5	Pass
				-20	3.85	-9.785	-0.0052	-2.5 to 2.5	Pass
				-10	3.85	-3.605	-0.0019	-2.5 to 2.5	Pass
				0	3.85	-9.570	-0.0051	-2.5 to 2.5	Pass
				10	3.85	2.604	0.0014	-2.5 to 2.5	Pass
				30	3.85	-0.815	-0.0004	-2.5 to 2.5	Pass
				40	3.85	-3.047	-0.0016	-2.5 to 2.5	Pass
				50	3.85	-2.360	-0.0013	-2.5 to 2.5	Pass
	1907.5	75	0	20	3.27	7.954	0.0042	-2.5 to 2.5	Pass
					3.85	-1.817	-0.0010	-2.5 to 2.5	Pass
					4.43	-2.446	-0.0013	-2.5 to 2.5	Pass
				-30	3.85	-0.401	-0.0002	-2.5 to 2.5	Pass
				-20	3.85	-4.106	-0.0022	-2.5 to 2.5	Pass
				-10	3.85	3.147	0.0016	-2.5 to 2.5	Pass
				0	3.85	1.602	0.0008	-2.5 to 2.5	Pass
				10	3.85	-2.904	-0.0015	-2.5 to 2.5	Pass
				30	3.85	0.243	0.0001	-2.5 to 2.5	Pass
				40	3.85	-1.488	-0.0008	-2.5 to 2.5	Pass

16QAM	1857.5	75	0	50	3.85	0.901	0.0005	-2.5 to 2.5	Pass
				20	3.27	-2.518	-0.0014	-2.5 to 2.5	Pass
					3.85	-3.119	-0.0017	-2.5 to 2.5	Pass
					4.43	-7.010	-0.0038	-2.5 to 2.5	Pass
				-30	3.85	-5.336	-0.0029	-2.5 to 2.5	Pass
				-20	3.85	-3.619	-0.0019	-2.5 to 2.5	Pass
				-10	3.85	-2.904	-0.0016	-2.5 to 2.5	Pass
				0	3.85	-3.605	-0.0019	-2.5 to 2.5	Pass
				10	3.85	2.389	0.0013	-2.5 to 2.5	Pass
				30	3.85	0.129	0.0001	-2.5 to 2.5	Pass
	1882.5	75	0	40	3.85	-6.008	-0.0032	-2.5 to 2.5	Pass
				50	3.85	-4.377	-0.0024	-2.5 to 2.5	Pass
				20	3.27	2.103	0.0011	-2.5 to 2.5	Pass
					3.85	3.104	0.0016	-2.5 to 2.5	Pass
					4.43	2.818	0.0015	-2.5 to 2.5	Pass
				-30	3.85	2.031	0.0011	-2.5 to 2.5	Pass
				-20	3.85	-1.402	-0.0007	-2.5 to 2.5	Pass
				-10	3.85	4.621	0.0025	-2.5 to 2.5	Pass
				0	3.85	4.649	0.0025	-2.5 to 2.5	Pass
				10	3.85	-4.950	-0.0026	-2.5 to 2.5	Pass
	1907.5	75	0	30	3.85	-4.849	-0.0026	-2.5 to 2.5	Pass
				40	3.85	-4.578	-0.0024	-2.5 to 2.5	Pass
				50	3.85	4.721	0.0025	-2.5 to 2.5	Pass
				20	3.27	-0.401	-0.0002	-2.5 to 2.5	Pass
					3.85	5.965	0.0031	-2.5 to 2.5	Pass
					4.43	2.689	0.0014	-2.5 to 2.5	Pass
				-30	3.85	-8.197	-0.0043	-2.5 to 2.5	Pass
				-20	3.85	-8.340	-0.0044	-2.5 to 2.5	Pass
				-10	3.85	0.257	0.0001	-2.5 to 2.5	Pass
				0	3.85	2.632	0.0014	-2.5 to 2.5	Pass
				10	3.85	-0.672	-0.0004	-2.5 to 2.5	Pass
				30	3.85	-5.465	-0.0029	-2.5 to 2.5	Pass
				40	3.85	-2.632	-0.0014	-2.5 to 2.5	Pass
				50	3.85	-3.676	-0.0019	-2.5 to 2.5	Pass

2.1.6 B25_20MHz

Band: 25 / Bandwidth: 20MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1860	100	0	20	3.27	-0.544	-0.0003	-2.5 to 2.5	Pass
					3.85	-2.604	-0.0014	-2.5 to 2.5	Pass
					4.43	-6.151	-0.0033	-2.5 to 2.5	Pass
				-30	3.85	-1.330	-0.0007	-2.5 to 2.5	Pass
				-20	3.85	-4.106	-0.0022	-2.5 to 2.5	Pass
				-10	3.85	-4.549	-0.0024	-2.5 to 2.5	Pass
				0	3.85	-0.715	-0.0004	-2.5 to 2.5	Pass
				10	3.85	2.346	0.0013	-2.5 to 2.5	Pass
				30	3.85	-1.459	-0.0008	-2.5 to 2.5	Pass
				40	3.85	-4.234	-0.0023	-2.5 to 2.5	Pass
				50	3.85	-1.330	-0.0007	-2.5 to 2.5	Pass
	1882.5	100	0	20	3.27	-2.174	-0.0012	-2.5 to 2.5	Pass
					3.85	2.003	0.0011	-2.5 to 2.5	Pass
					4.43	-3.419	-0.0018	-2.5 to 2.5	Pass
				-30	3.85	0.772	0.0004	-2.5 to 2.5	Pass
				-20	3.85	0.558	0.0003	-2.5 to 2.5	Pass
				-10	3.85	-2.418	-0.0013	-2.5 to 2.5	Pass

				0	3.85	-1.645	-0.0009	-2.5 to 2.5	Pass
				10	3.85	-11.215	-0.0060	-2.5 to 2.5	Pass
				30	3.85	5.207	0.0028	-2.5 to 2.5	Pass
				40	3.85	-2.518	-0.0013	-2.5 to 2.5	Pass
				50	3.85	-4.878	-0.0026	-2.5 to 2.5	Pass
	1905	100	0	20	3.27	-2.632	-0.0014	-2.5 to 2.5	Pass
					3.85	-0.715	-0.0004	-2.5 to 2.5	Pass
					4.43	-0.458	-0.0002	-2.5 to 2.5	Pass
				-30	3.85	1.030	0.0005	-2.5 to 2.5	Pass
				-20	3.85	-6.495	-0.0034	-2.5 to 2.5	Pass
				-10	3.85	-4.377	-0.0023	-2.5 to 2.5	Pass
				0	3.85	-1.845	-0.0010	-2.5 to 2.5	Pass
				10	3.85	0.257	0.0001	-2.5 to 2.5	Pass
				30	3.85	-2.575	-0.0014	-2.5 to 2.5	Pass
				40	3.85	-4.621	-0.0024	-2.5 to 2.5	Pass
				50	3.85	3.905	0.0020	-2.5 to 2.5	Pass
16QAM	1860	100	0	20	3.27	-6.509	-0.0035	-2.5 to 2.5	Pass
					3.85	-6.924	-0.0037	-2.5 to 2.5	Pass
					4.43	-5.851	-0.0031	-2.5 to 2.5	Pass
				-30	3.85	-6.709	-0.0036	-2.5 to 2.5	Pass
				-20	3.85	-9.928	-0.0053	-2.5 to 2.5	Pass
				-10	3.85	0.944	0.0005	-2.5 to 2.5	Pass
				0	3.85	-5.035	-0.0027	-2.5 to 2.5	Pass
				10	3.85	-4.263	-0.0023	-2.5 to 2.5	Pass
				30	3.85	-8.583	-0.0046	-2.5 to 2.5	Pass
				40	3.85	-5.894	-0.0032	-2.5 to 2.5	Pass
				50	3.85	-2.089	-0.0011	-2.5 to 2.5	Pass
	1882.5	100	0	20	3.27	-3.791	-0.0020	-2.5 to 2.5	Pass
					3.85	-0.844	-0.0004	-2.5 to 2.5	Pass
					4.43	0.658	0.0003	-2.5 to 2.5	Pass
				-30	3.85	-2.232	-0.0012	-2.5 to 2.5	Pass
				-20	3.85	-0.315	-0.0002	-2.5 to 2.5	Pass
				-10	3.85	-4.964	-0.0026	-2.5 to 2.5	Pass
				0	3.85	-0.787	-0.0004	-2.5 to 2.5	Pass
				10	3.85	-1.273	-0.0007	-2.5 to 2.5	Pass
				30	3.85	-1.330	-0.0007	-2.5 to 2.5	Pass
				40	3.85	-0.830	-0.0004	-2.5 to 2.5	Pass
				50	3.85	-0.672	-0.0004	-2.5 to 2.5	Pass
	1905	100	0	20	3.27	0.100	0.0001	-2.5 to 2.5	Pass
					3.85	-1.888	-0.0010	-2.5 to 2.5	Pass
					4.43	-0.887	-0.0005	-2.5 to 2.5	Pass
				-30	3.85	-0.157	-0.0001	-2.5 to 2.5	Pass
				-20	3.85	1.588	0.0008	-2.5 to 2.5	Pass
				-10	3.85	-0.358	-0.0002	-2.5 to 2.5	Pass
				0	3.85	1.616	0.0008	-2.5 to 2.5	Pass
				10	3.85	1.588	0.0008	-2.5 to 2.5	Pass
				30	3.85	-1.760	-0.0009	-2.5 to 2.5	Pass
				40	3.85	2.990	0.0016	-2.5 to 2.5	Pass
				50	3.85	-2.904	-0.0015	-2.5 to 2.5	Pass

3. Modulation Characteristics

3.1 Test Result

3.1.1 B25_1.4MHz

Band: 25 / Bandwidth: 1.4MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1882.5	6	0	Refer To Test Graph		Pass
16QAM	1882.5	6	0	Refer To Test Graph		Pass

3.1.2 B25_3MHz

Band: 25 / Bandwidth: 3MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1882.5	15	0	Refer To Test Graph		Pass
16QAM	1882.5	15	0	Refer To Test Graph		Pass

3.1.3 B25_5MHz

Band: 25 / Bandwidth: 5MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1882.5	25	0	Refer To Test Graph		Pass
16QAM	1882.5	25	0	Refer To Test Graph		Pass

3.1.4 B25_10MHz

Band: 25 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1882.5	50	0	Refer To Test Graph		Pass
16QAM	1882.5	50	0	Refer To Test Graph		Pass

3.1.5 B25_15MHz

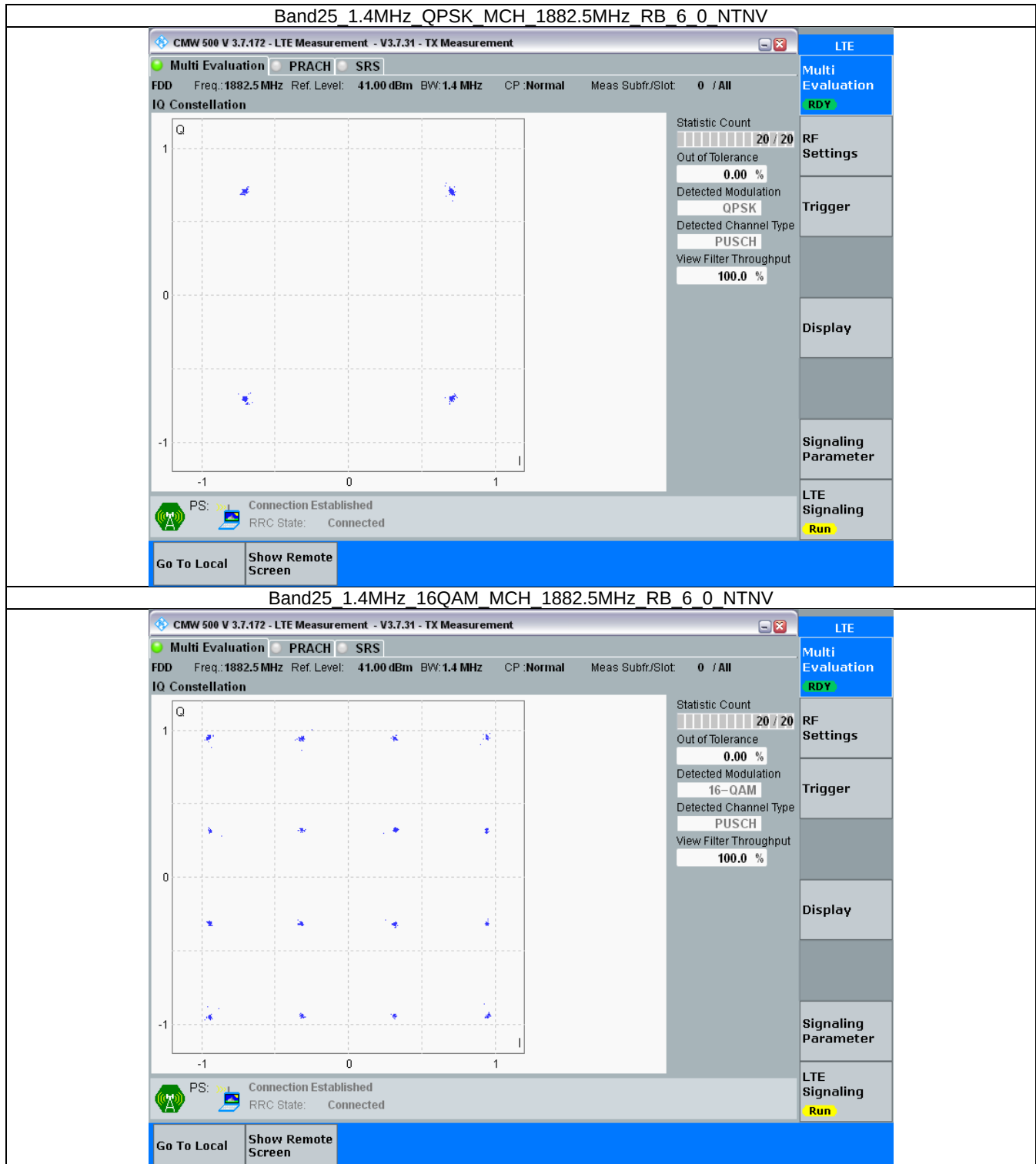
Band: 25 / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1882.5	75	0	Refer To Test Graph		Pass
16QAM	1882.5	75	0	Refer To Test Graph		Pass

3.1.6 B25_20MHz

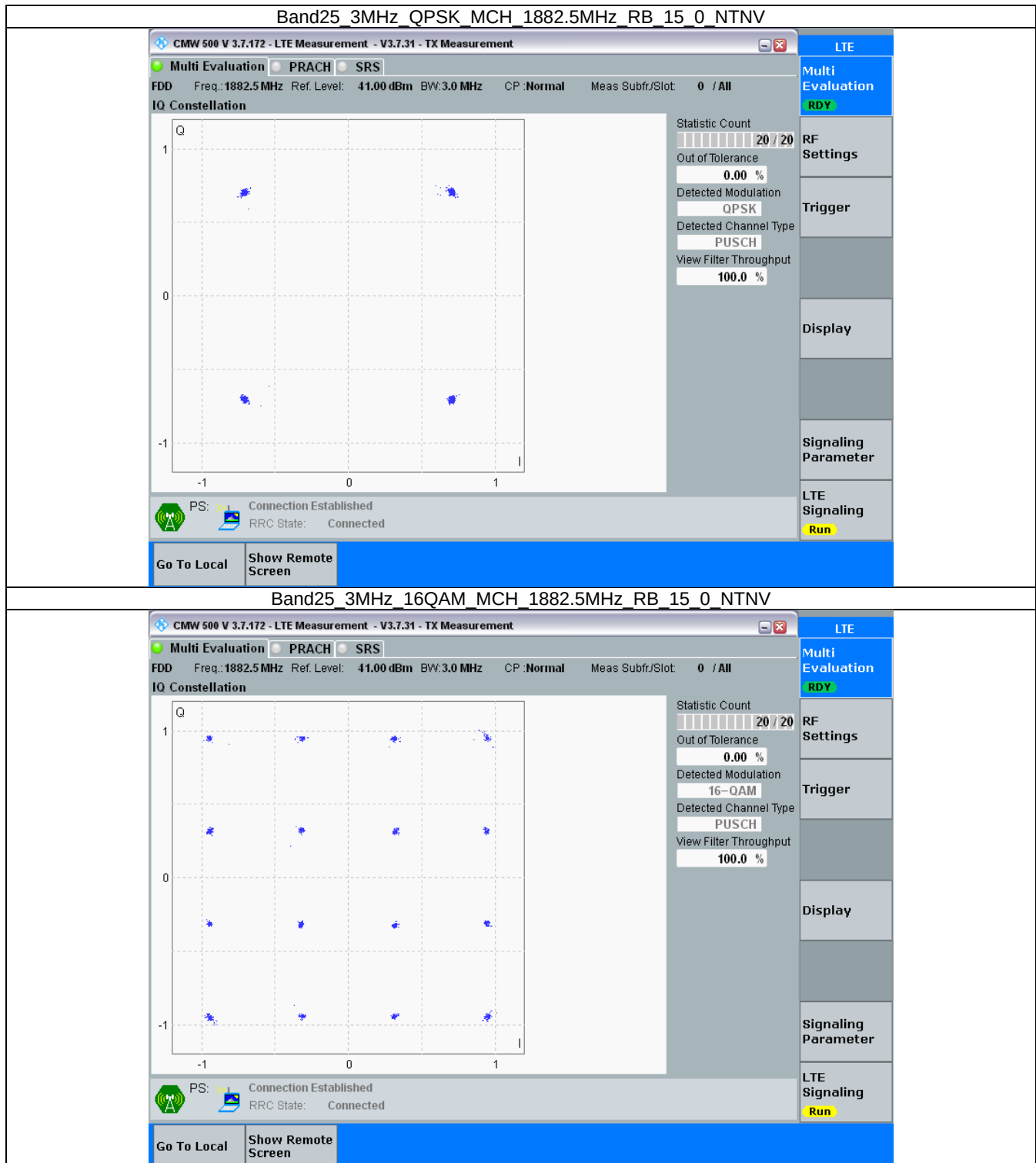
Band: 25 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1882.5	100	0	Refer To Test Graph		Pass
16QAM	1882.5	100	0	Refer To Test Graph		Pass

3.2 Test Graph

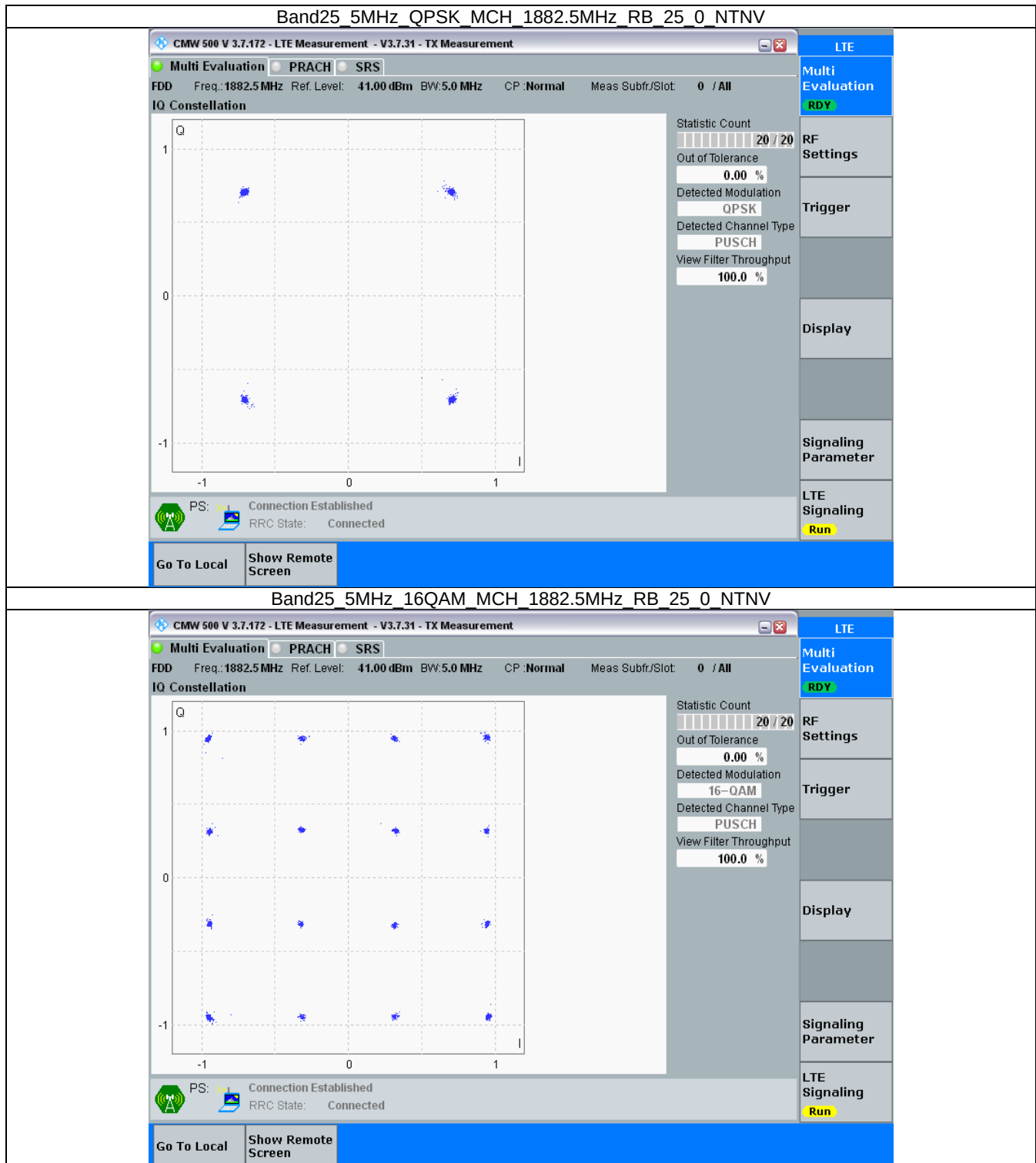
3.2.1 B25_1.4MHz



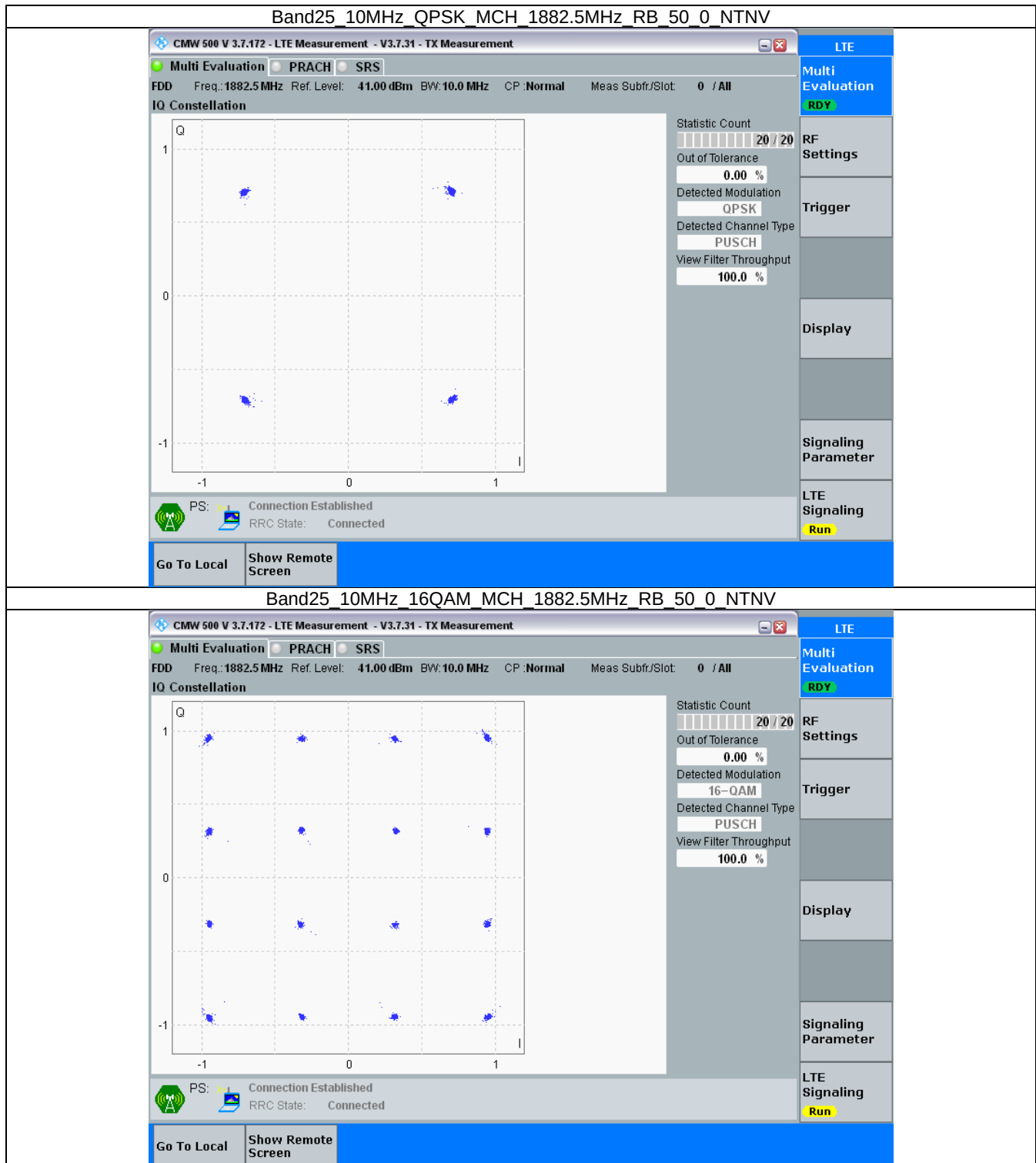
3.2.2 B25_3MHz



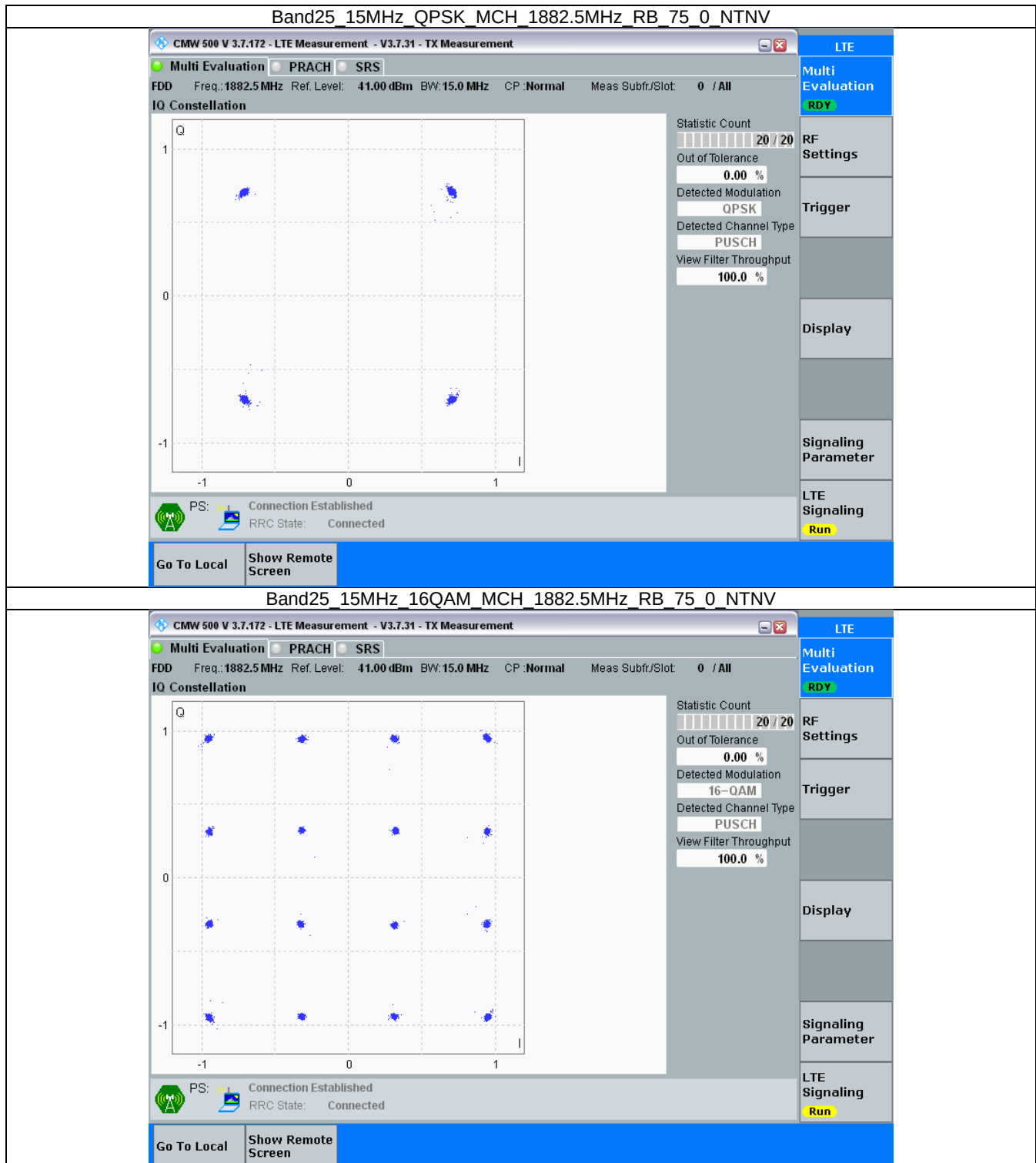
3.2.3 B25_5MHz



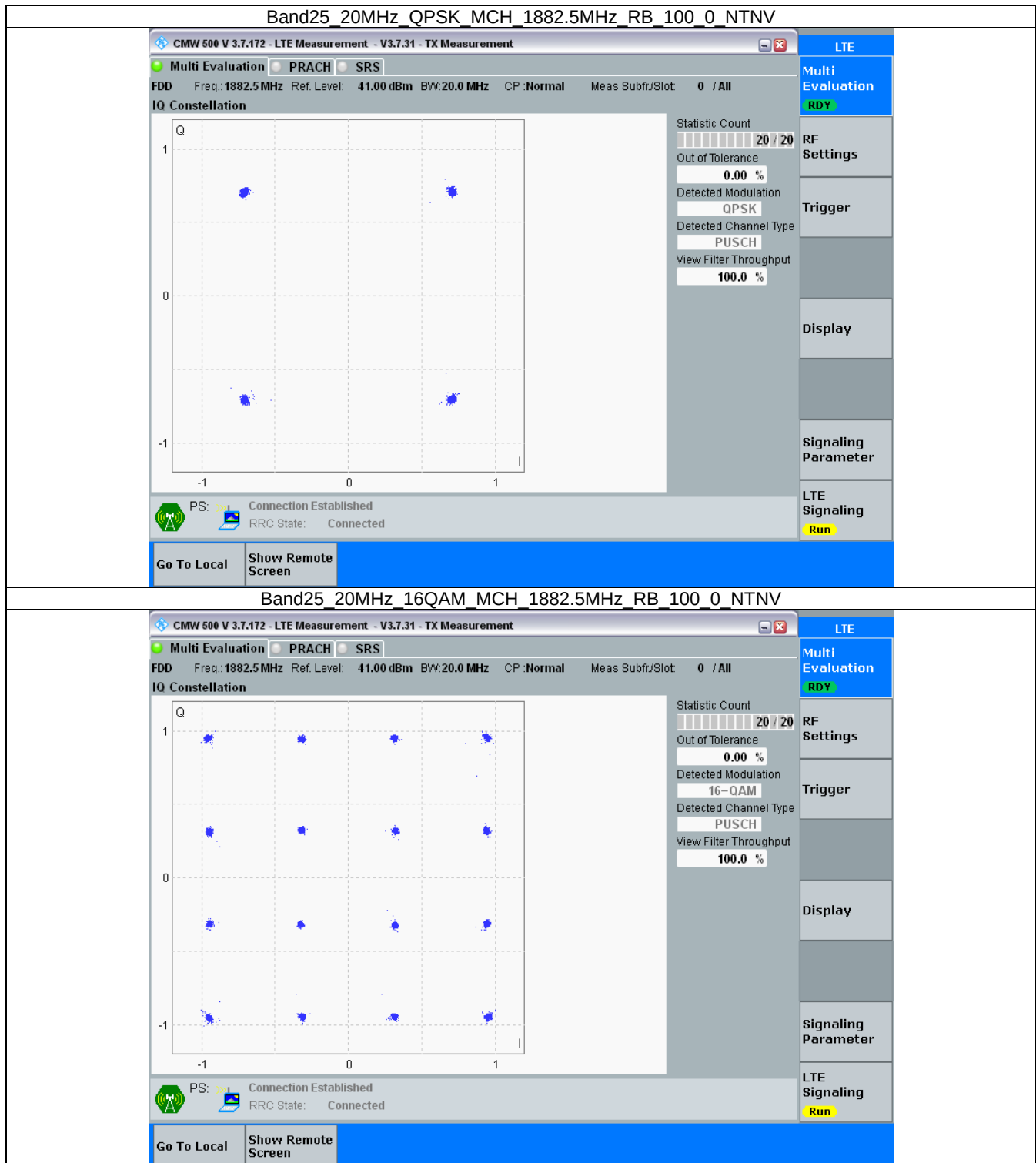
3.2.4 B25_10MHz



3.2.5 B25_15MHz



3.2.6 B25_20MHz



4. 99% & 26dB Bandwidth

4.1 Test Result

4.1.1 Band25_OBW

Band: 25 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	1850.7	6	0	1.109	/	Pass
		1882.5	6	0	1.115	/	Pass
		1914.3	6	0	1.114	/	Pass
	16QAM	1850.7	6	0	1.116	/	Pass
		1882.5	6	0	1.113	/	Pass
		1914.3	6	0	1.107	/	Pass
3	QPSK	1851.5	15	0	2.740	/	Pass
		1882.5	15	0	2.733	/	Pass
		1913.5	15	0	2.733	/	Pass
	16QAM	1851.5	15	0	2.741	/	Pass
		1882.5	15	0	2.729	/	Pass
		1913.5	15	0	2.731	/	Pass
5	QPSK	1852.5	25	0	4.551	/	Pass
		1882.5	25	0	4.530	/	Pass
		1912.5	25	0	4.541	/	Pass
	16QAM	1852.5	25	0	4.542	/	Pass
		1882.5	25	0	4.550	/	Pass
		1912.5	25	0	4.580	/	Pass
10	QPSK	1855	50	0	9.036	/	Pass
		1882.5	50	0	9.040	/	Pass
		1910	50	0	9.046	/	Pass
	16QAM	1855	50	0	9.049	/	Pass
		1882.5	50	0	9.039	/	Pass
		1910	50	0	9.051	/	Pass
15	QPSK	1857.5	75	0	13.594	/	Pass
		1882.5	75	0	13.554	/	Pass
		1907.5	75	0	13.468	/	Pass
	16QAM	1857.5	75	0	13.618	/	Pass
		1882.5	75	0	13.547	/	Pass
		1907.5	75	0	13.467	/	Pass
20	QPSK	1860	100	0	18.178	/	Pass
		1882.5	100	0	18.042	/	Pass
		1905	100	0	17.865	/	Pass
	16QAM	1860	100	0	18.185	/	Pass
		1882.5	100	0	18.059	/	Pass
		1905	100	0	17.864	/	Pass

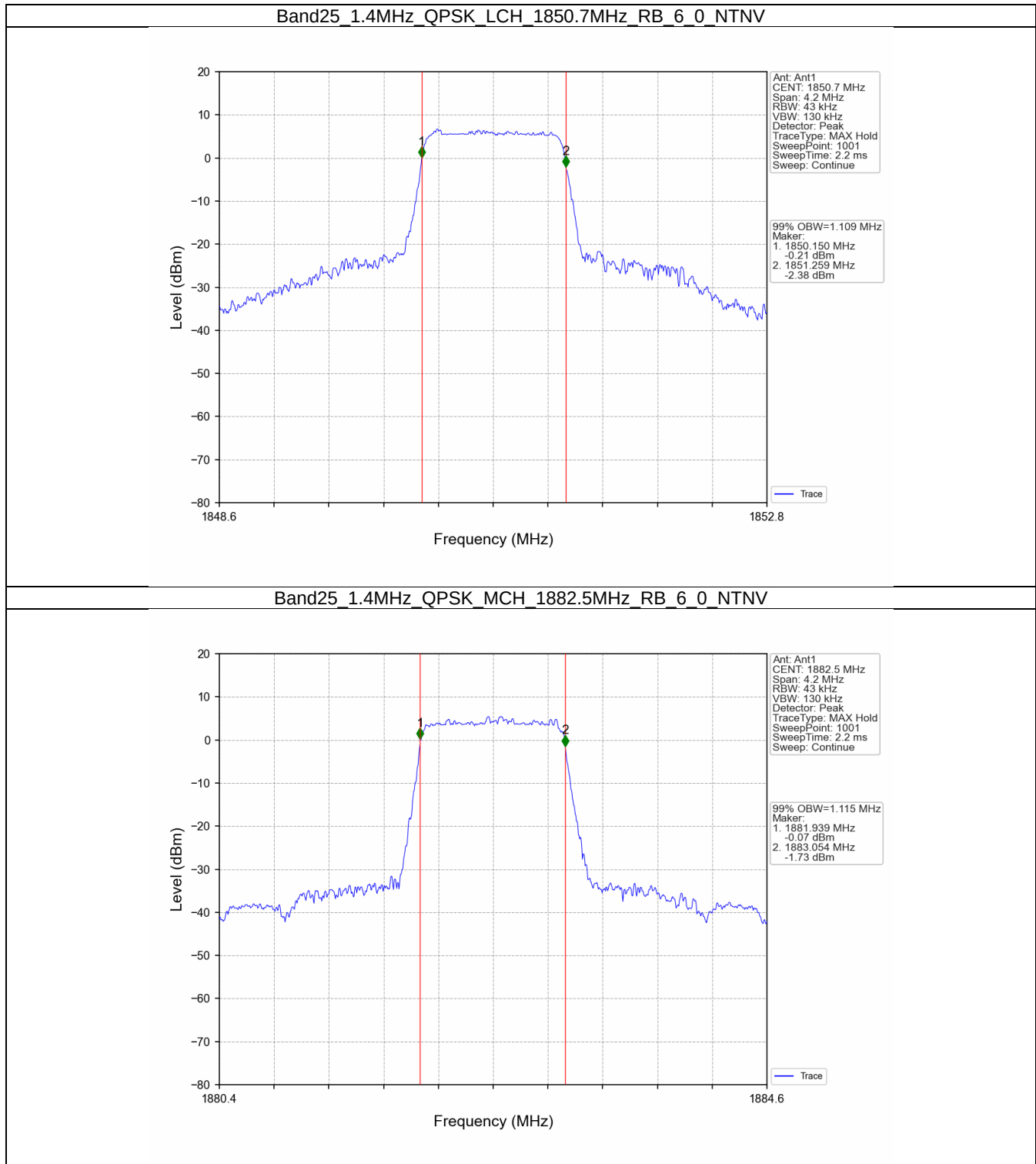
4.1.2 Band25_XDB

Band: 25 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	1850.7	6	0	1.321	/	Pass
		1882.5	6	0	1.303	/	Pass
		1914.3	6	0	1.322	/	Pass

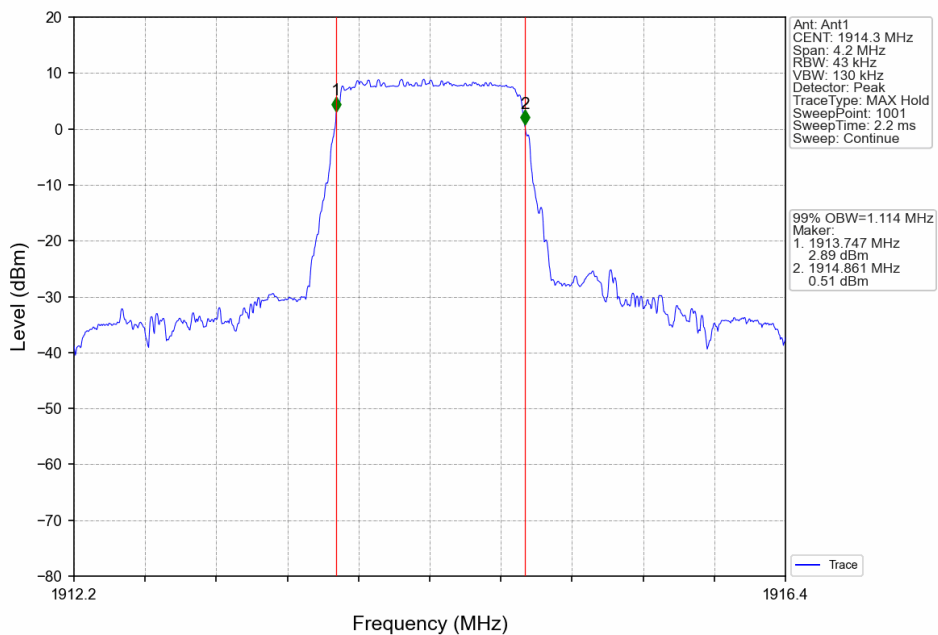
	16QAM	1850.7	6	0	1.304	/	Pass
		1882.5	6	0	1.300	/	Pass
		1914.3	6	0	1.297	/	Pass
3	QPSK	1851.5	15	0	3.063	/	Pass
		1882.5	15	0	3.047	/	Pass
		1913.5	15	0	3.044	/	Pass
	16QAM	1851.5	15	0	3.081	/	Pass
		1882.5	15	0	3.048	/	Pass
		1913.5	15	0	3.057	/	Pass
5	QPSK	1852.5	25	0	4.988	/	Pass
		1882.5	25	0	5.004	/	Pass
		1912.5	25	0	4.999	/	Pass
	16QAM	1852.5	25	0	4.971	/	Pass
		1882.5	25	0	5.010	/	Pass
		1912.5	25	0	5.006	/	Pass
10	QPSK	1855	50	0	9.908	/	Pass
		1882.5	50	0	9.908	/	Pass
		1910	50	0	9.904	/	Pass
	16QAM	1855	50	0	9.865	/	Pass
		1882.5	50	0	9.897	/	Pass
		1910	50	0	9.868	/	Pass
15	QPSK	1857.5	75	0	14.752	/	Pass
		1882.5	75	0	14.837	/	Pass
		1907.5	75	0	14.775	/	Pass
	16QAM	1857.5	75	0	14.736	/	Pass
		1882.5	75	0	14.889	/	Pass
		1907.5	75	0	14.768	/	Pass
20	QPSK	1860	100	0	19.623	/	Pass
		1882.5	100	0	19.704	/	Pass
		1905	100	0	19.546	/	Pass
	16QAM	1860	100	0	19.744	/	Pass
		1882.5	100	0	19.695	/	Pass
		1905	100	0	19.439	/	Pass

4.2 Test Graph

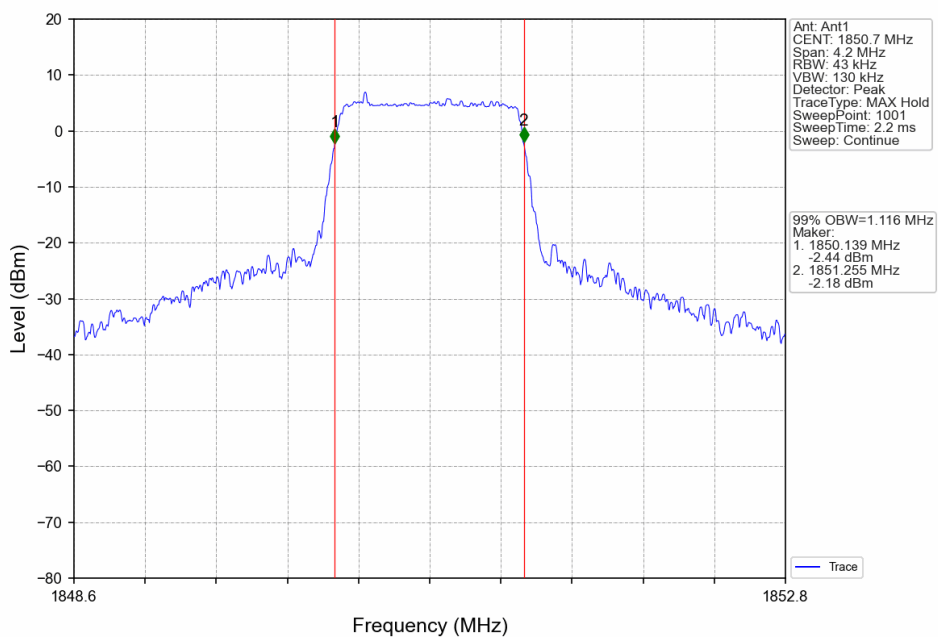
4.2.1 Band25_OBW



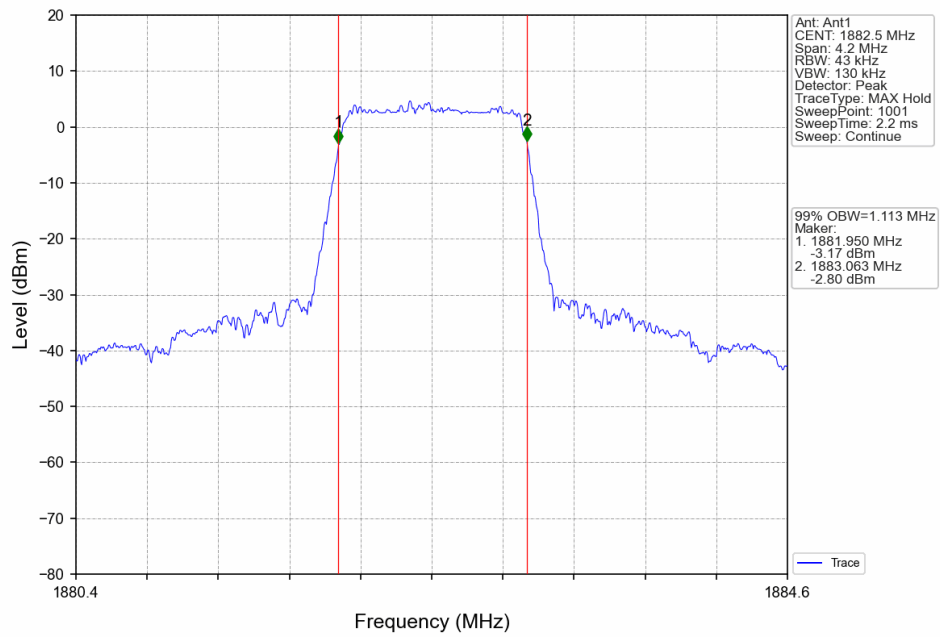
Band25 1.4MHz QPSK HCH 1914.3MHz RB_6_0 NTN



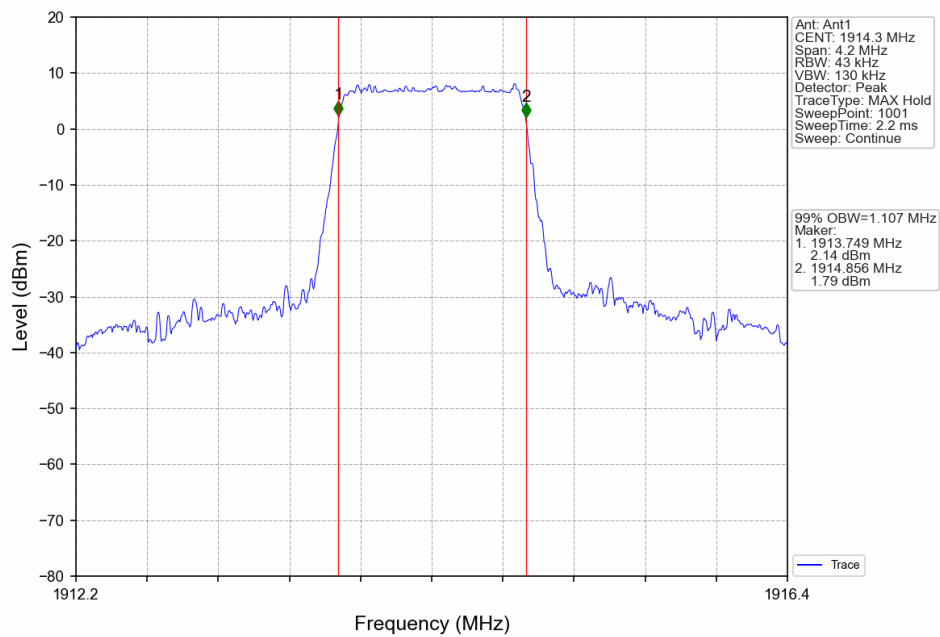
Band25 1.4MHz 16QAM LCH 1850.7MHz RB_6_0 NTN



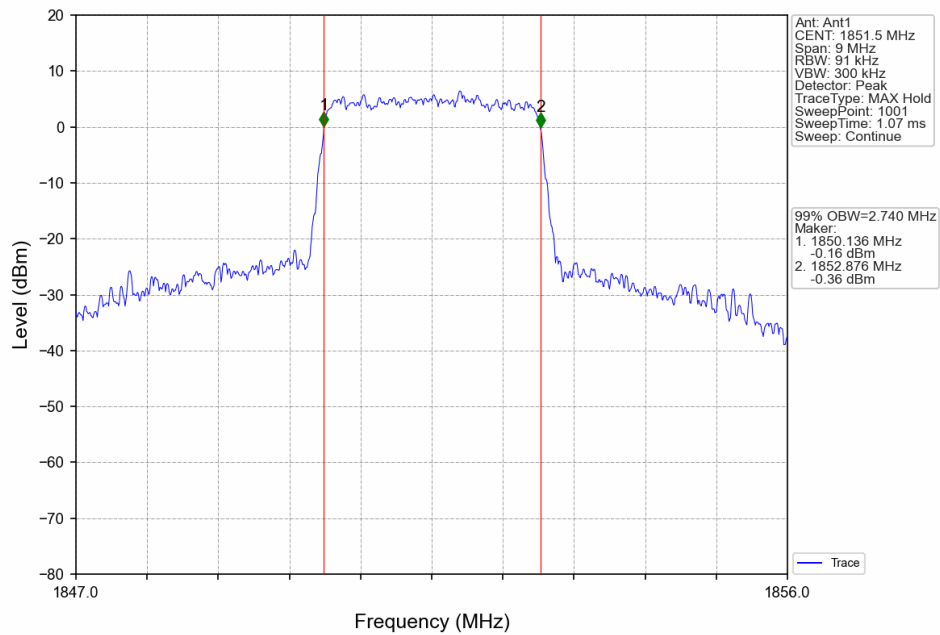
Band25_1.4MHz_16QAM_MCH_1882.5MHz_RB_6_0_NTNV



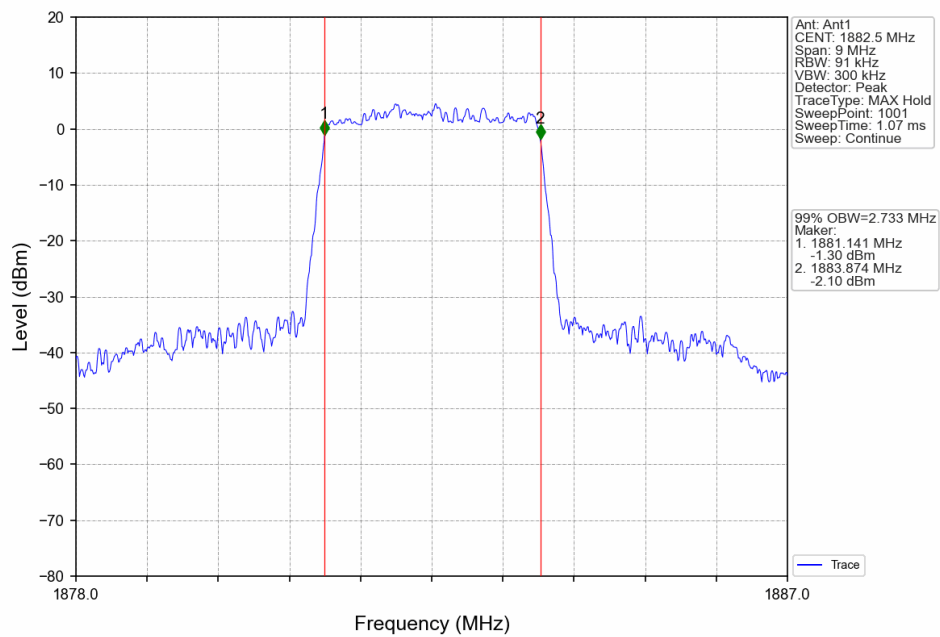
Band25_1.4MHz_16QAM_HCH_1914.3MHz_RB_6_0_NTNV



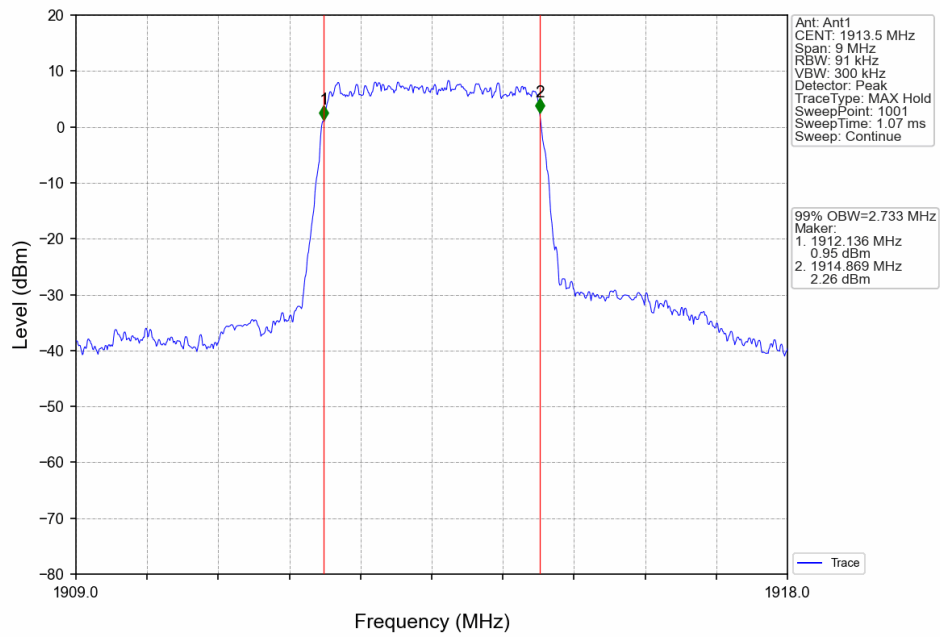
Band25_3MHz_QPSK_LCH_1851.5MHz_RB_15_0_NTNV



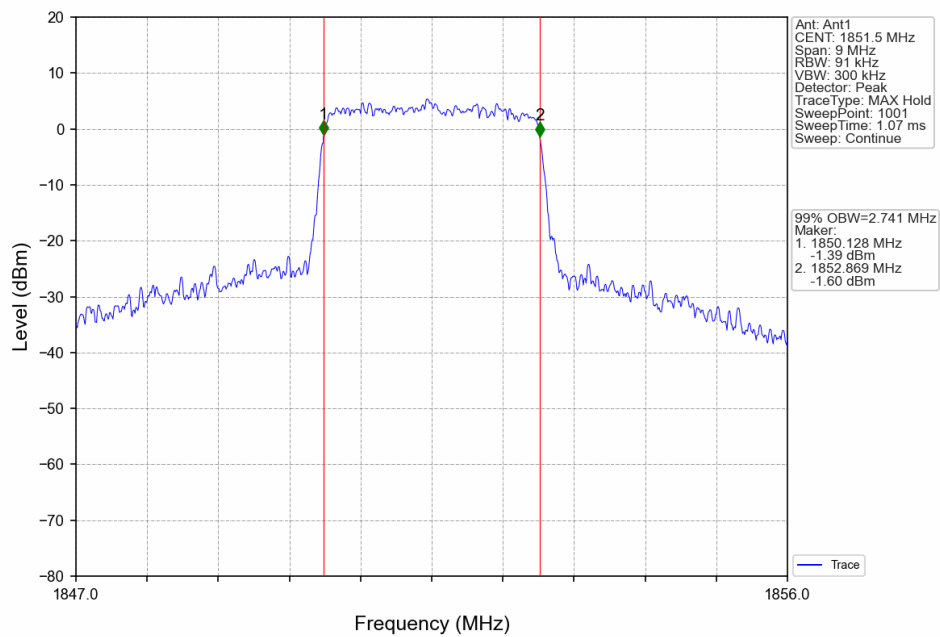
Band25_3MHz_QPSK_MCH_1882.5MHz_RB_15_0_NTNV



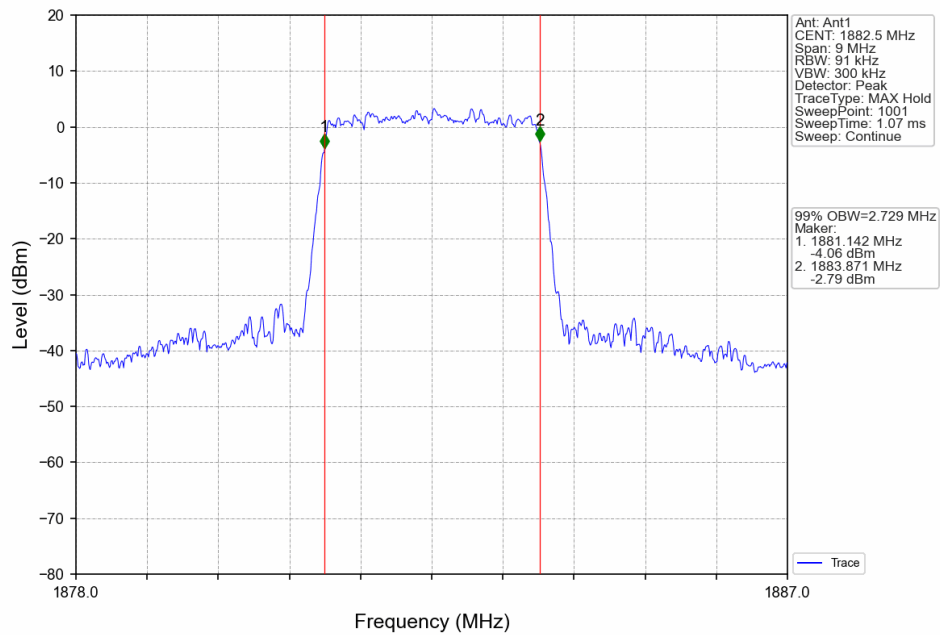
Band25_3MHz_QPSK_HCH_1913.5MHz_RB_15_0_NTNV



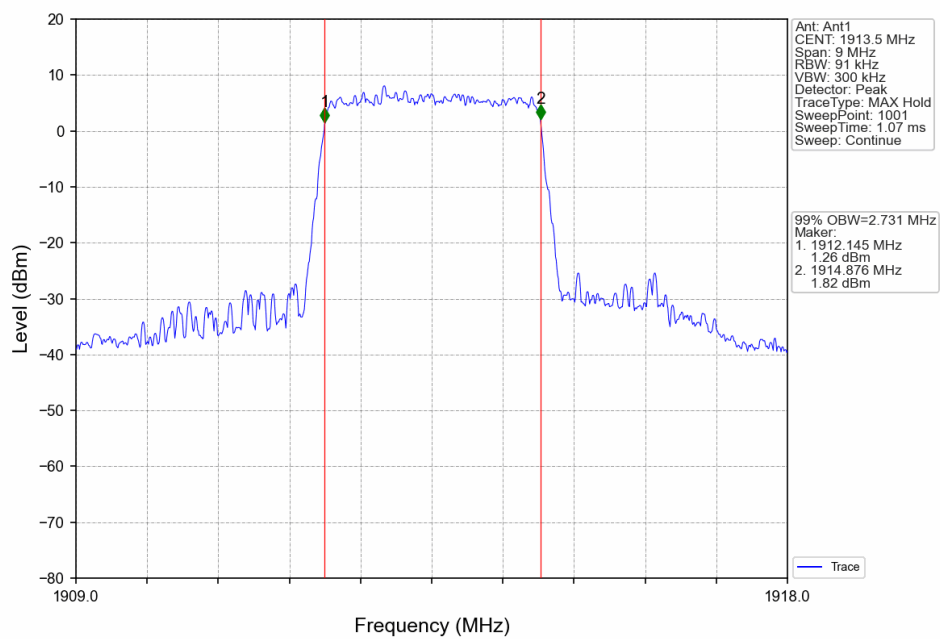
Band25_3MHz_16QAM_LCH_1851.5MHz_RB_15_0_NTNV



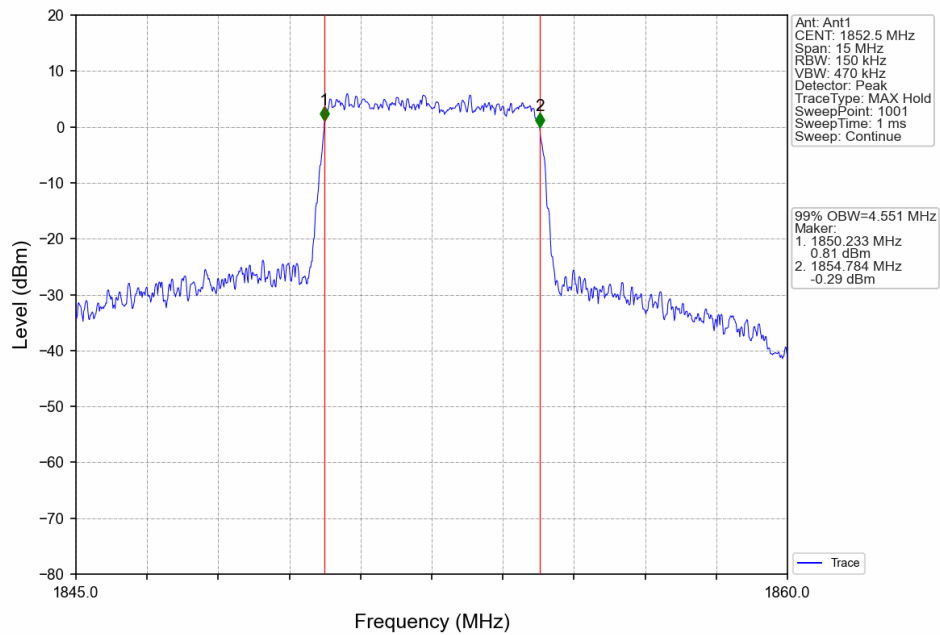
Band25_3MHz_16QAM_MCH_1882.5MHz_RB_15_0_NTNV



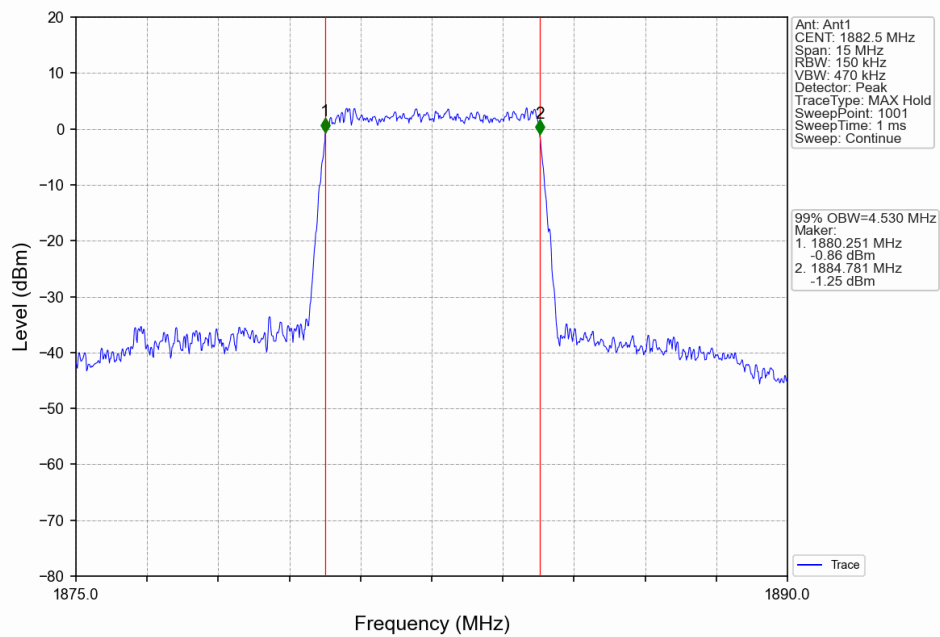
Band25_3MHz_16QAM_HCH_1913.5MHz_RB_15_0_NTNV



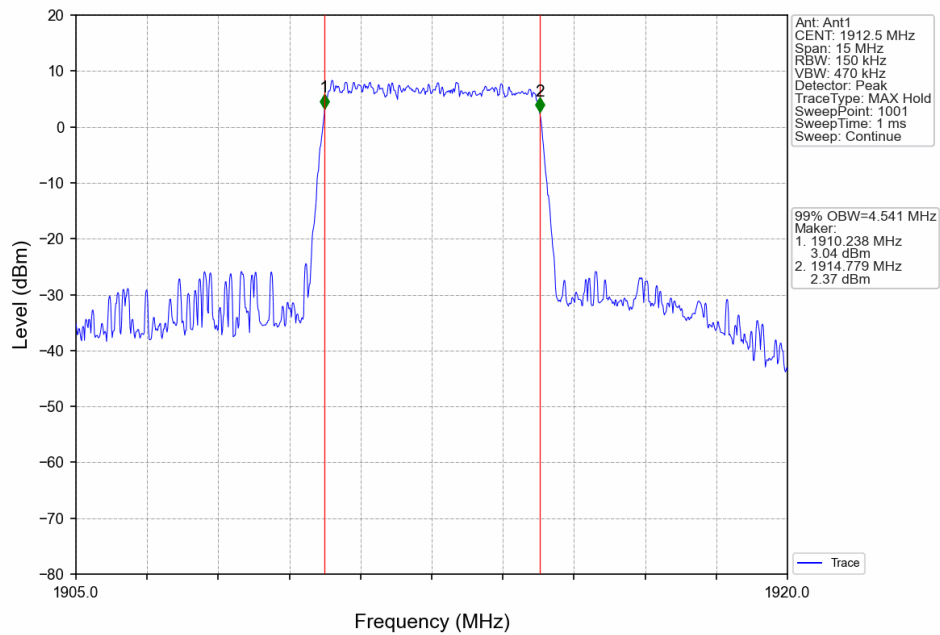
Band25_5MHz_QPSK_LCH_1852.5MHz_RB_25_0_NTNV



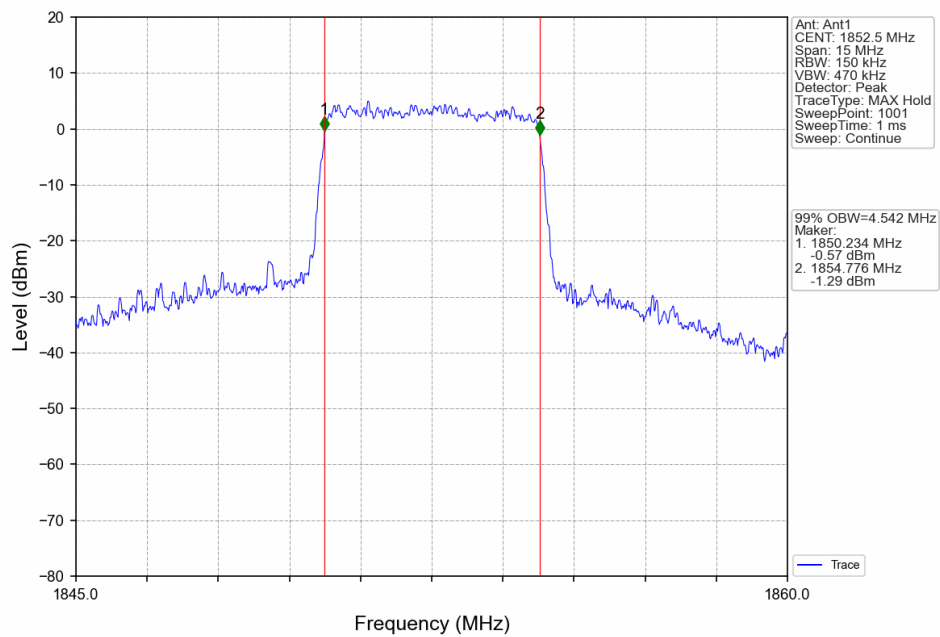
Band25_5MHz_QPSK_MCH_1882.5MHz_RB_25_0_NTNV



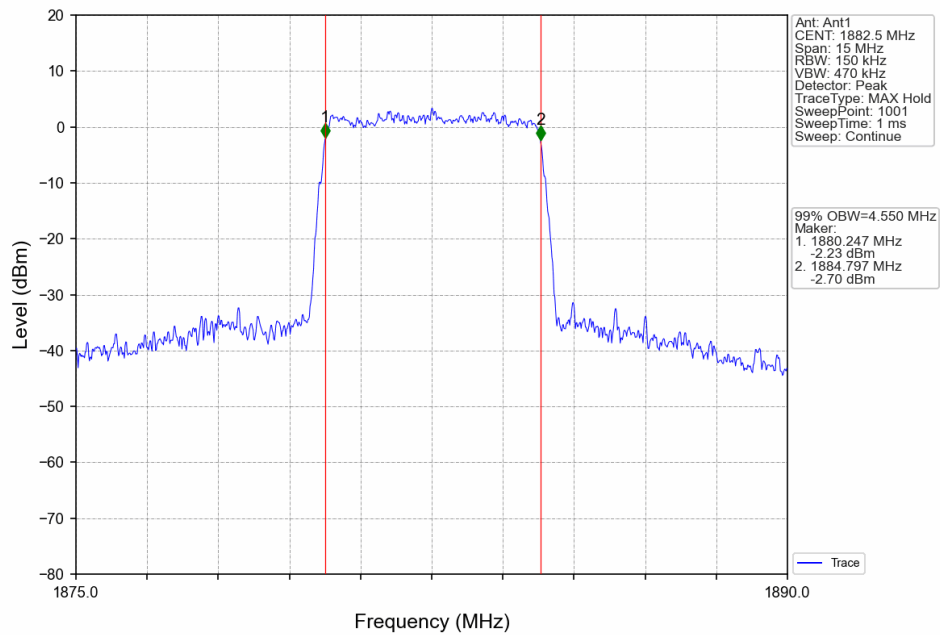
Band25_5MHz_QPSK_HCH_1912.5MHz_RB_25_0_NTNV



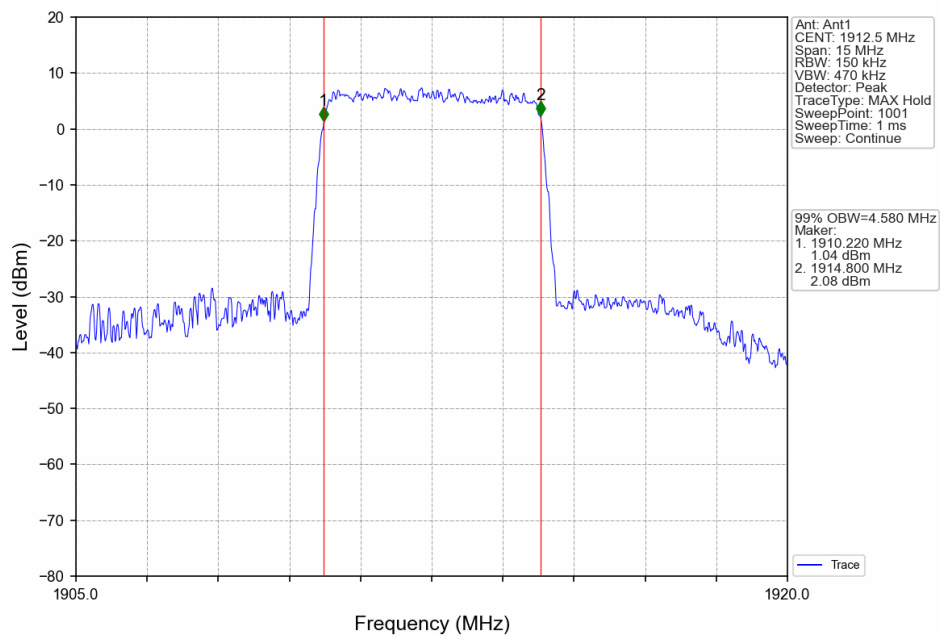
Band25_5MHz_16QAM_LCH_1852.5MHz_RB_25_0_NTNV



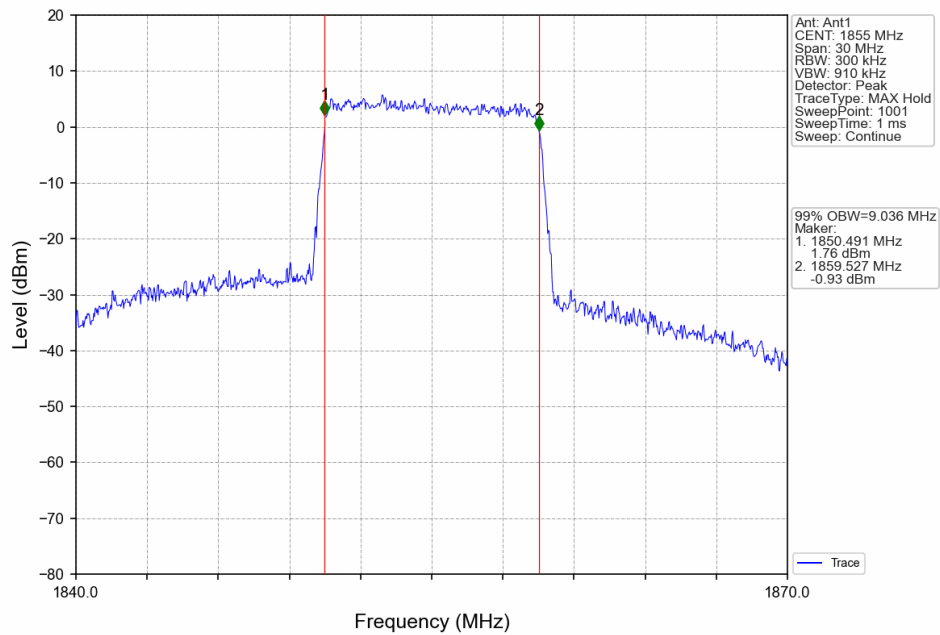
Band25_5MHz_16QAM_MCH_1882.5MHz_RB_25_0_NTNV



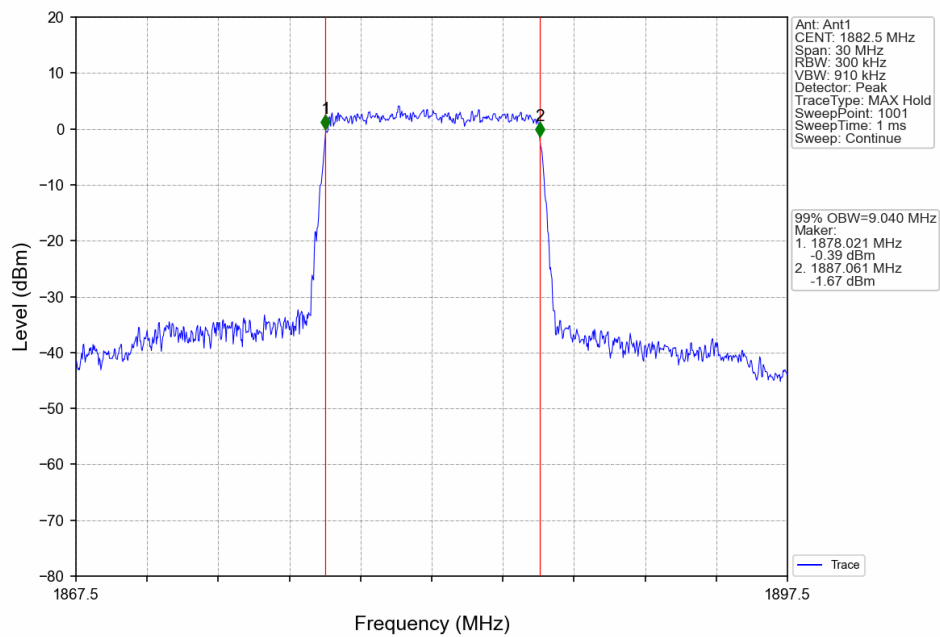
Band25_5MHz_16QAM_HCH_1912.5MHz_RB_25_0_NTNV



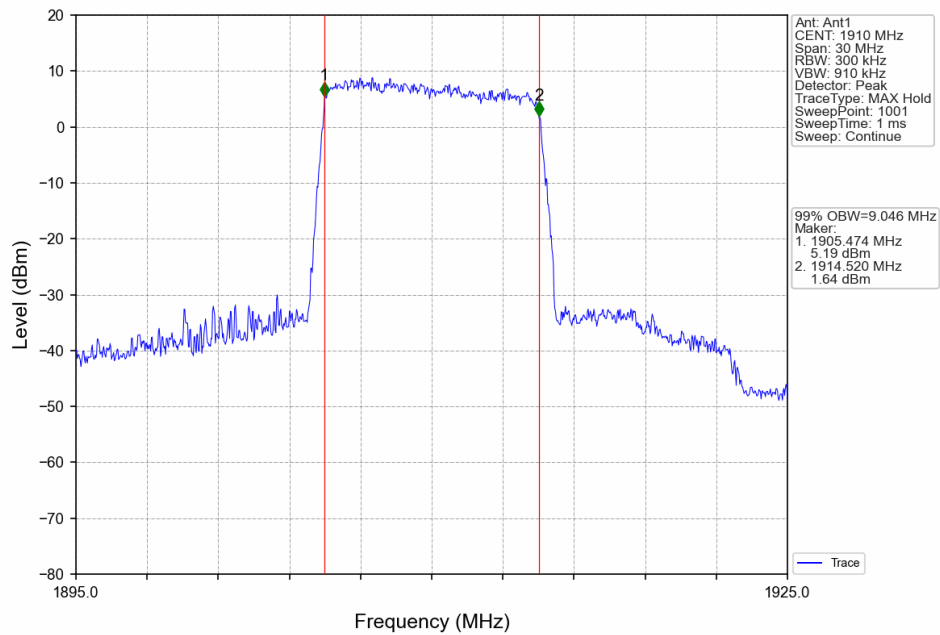
Band25_10MHz_QPSK_LCH_1855MHz_RB_50_0_NTNV



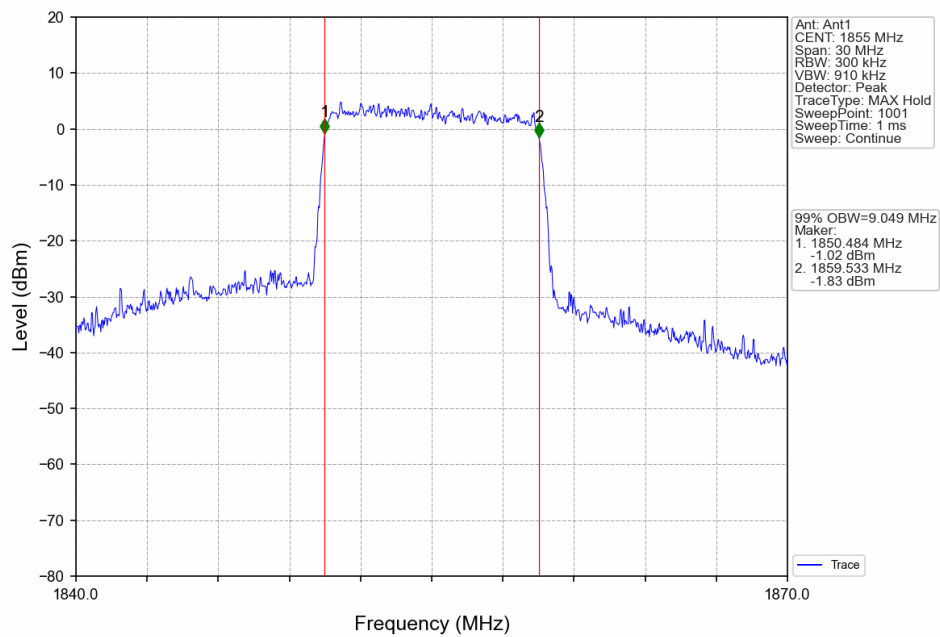
Band25_10MHz_QPSK_MCH_1882.5MHz_RB_50_0_NTNV



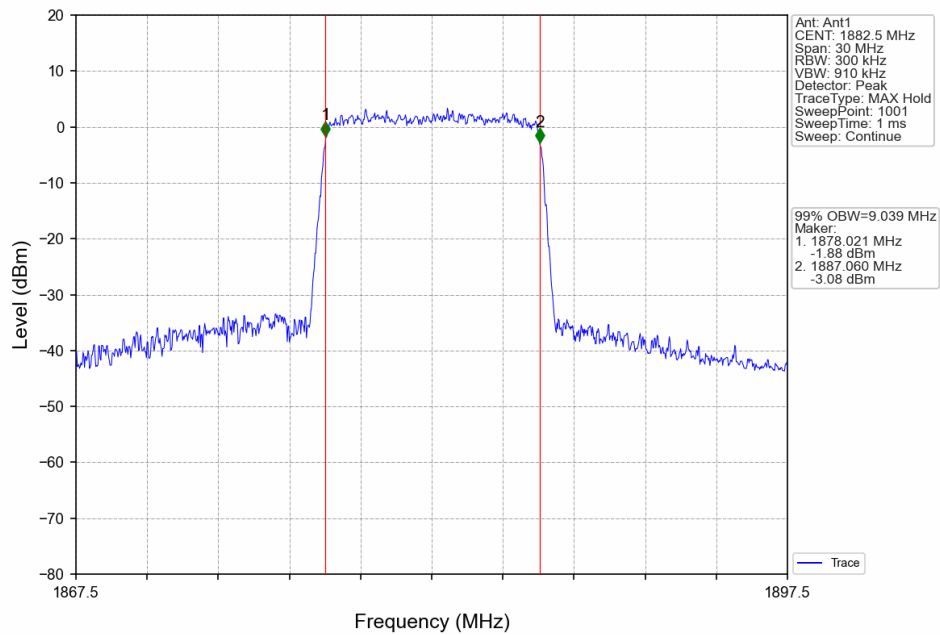
Band25_10MHz_QPSK_HCH_1910MHz_RB_50_0_NTNV



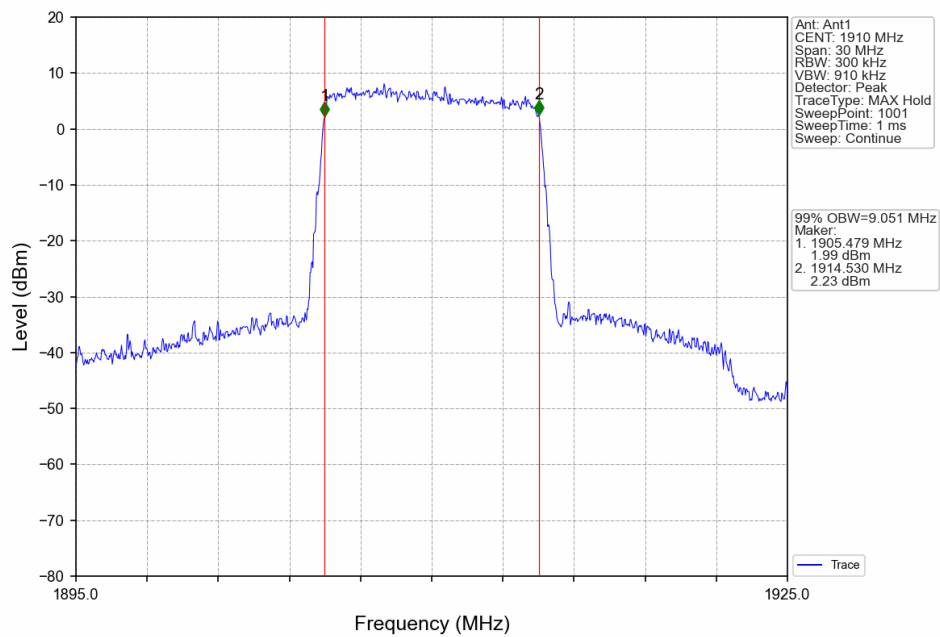
Band25_10MHz_16QAM_LCH_1855MHz_RB_50_0_NTNV



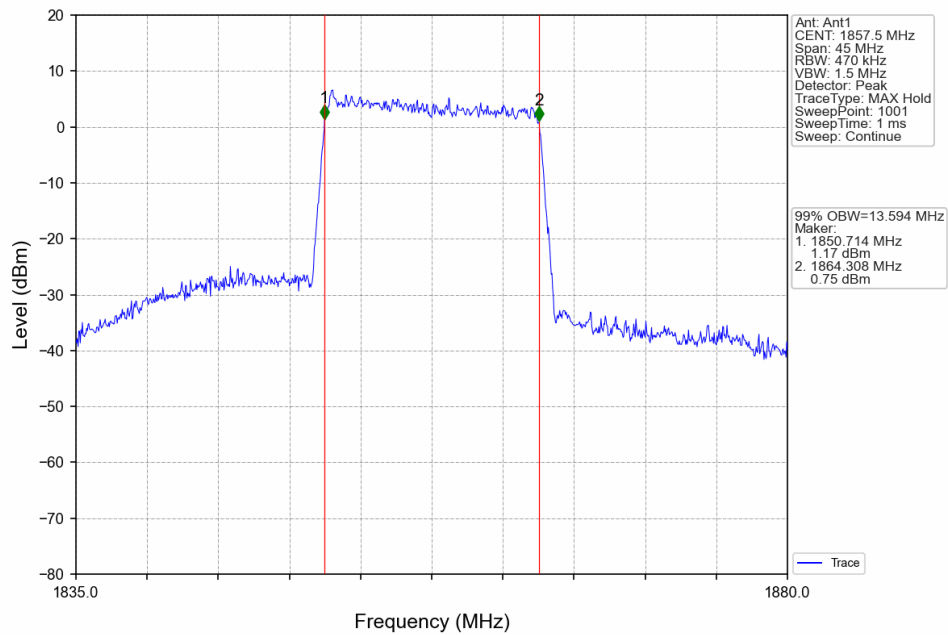
Band25_10MHz_16QAM_MCH_1882.5MHz_RB_50_0_NTNV



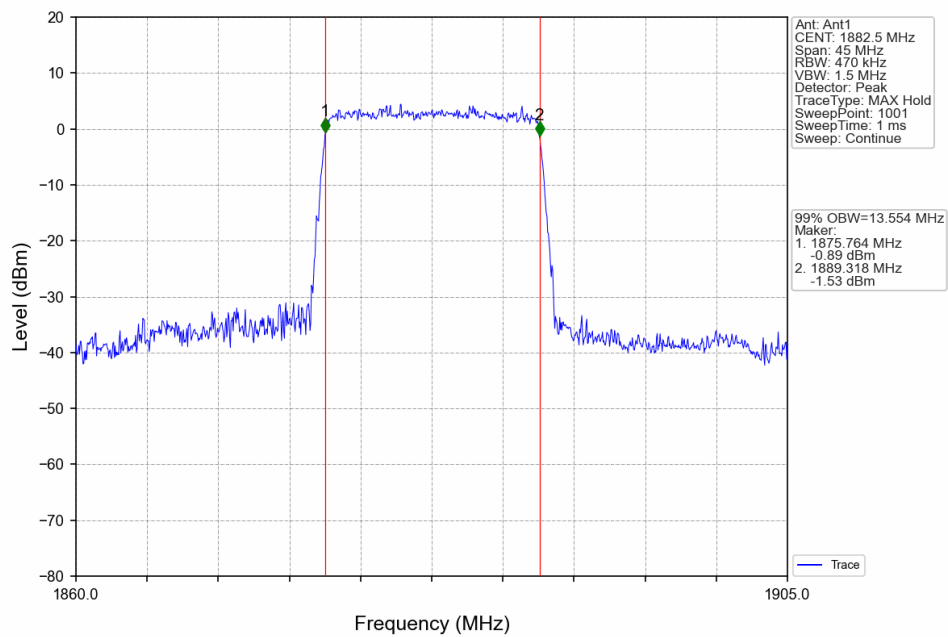
Band25_10MHz_16QAM_HCH_1910MHz_RB_50_0_NTNV



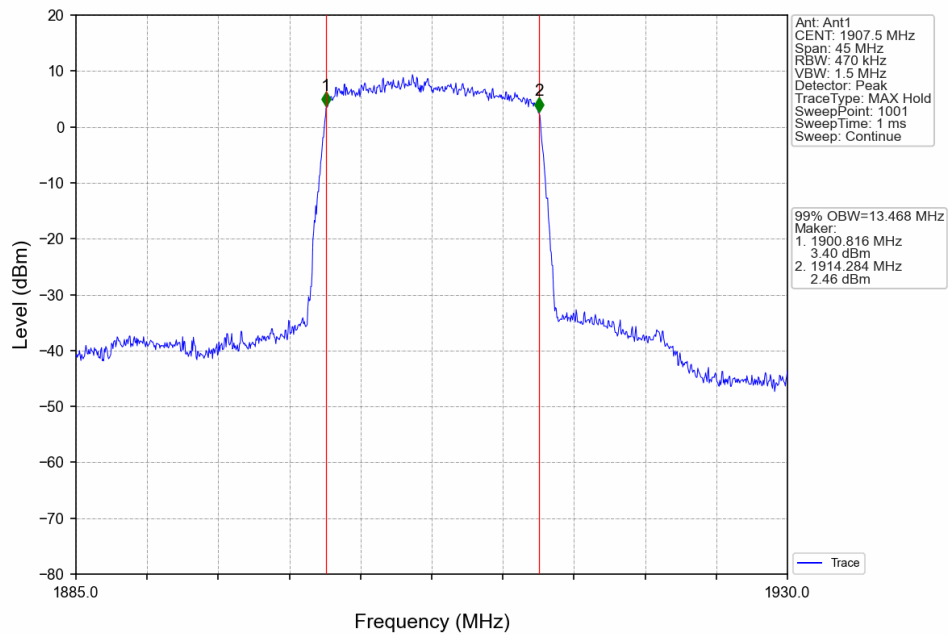
Band25_15MHz_QPSK_LCH_1857.5MHz_RB_75_0_NTNV



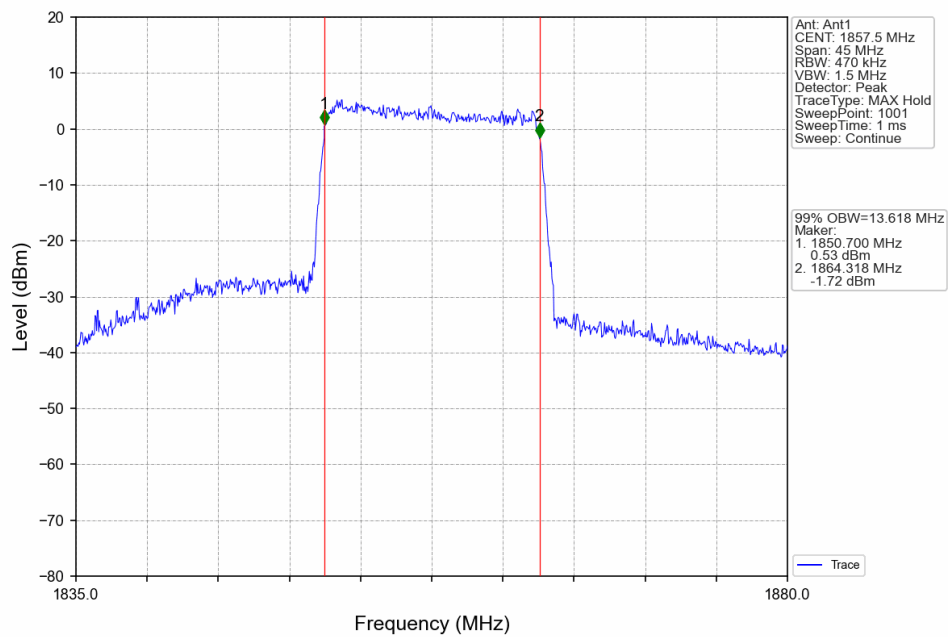
Band25_15MHz_QPSK_MCH_1882.5MHz_RB_75_0_NTNV



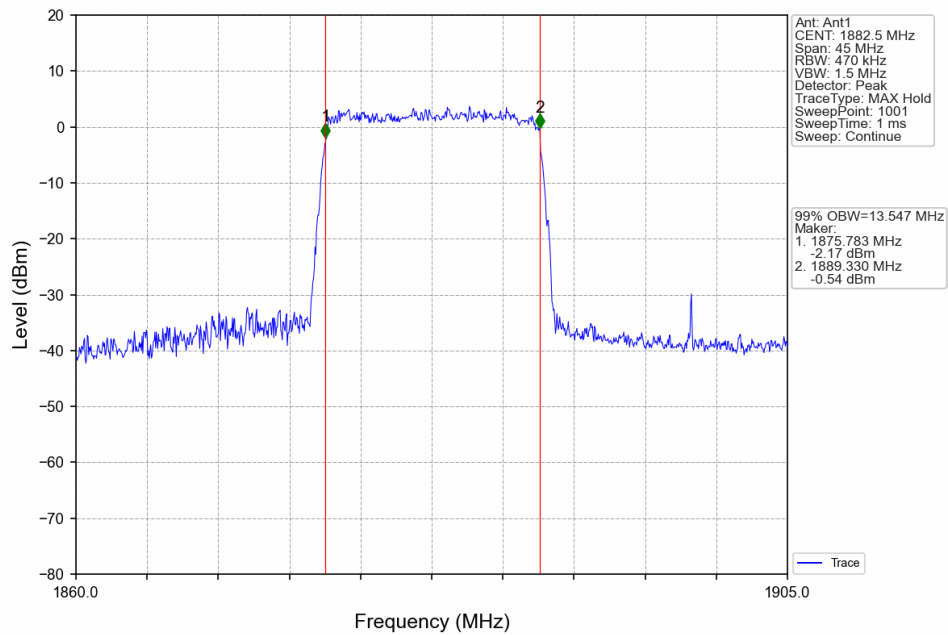
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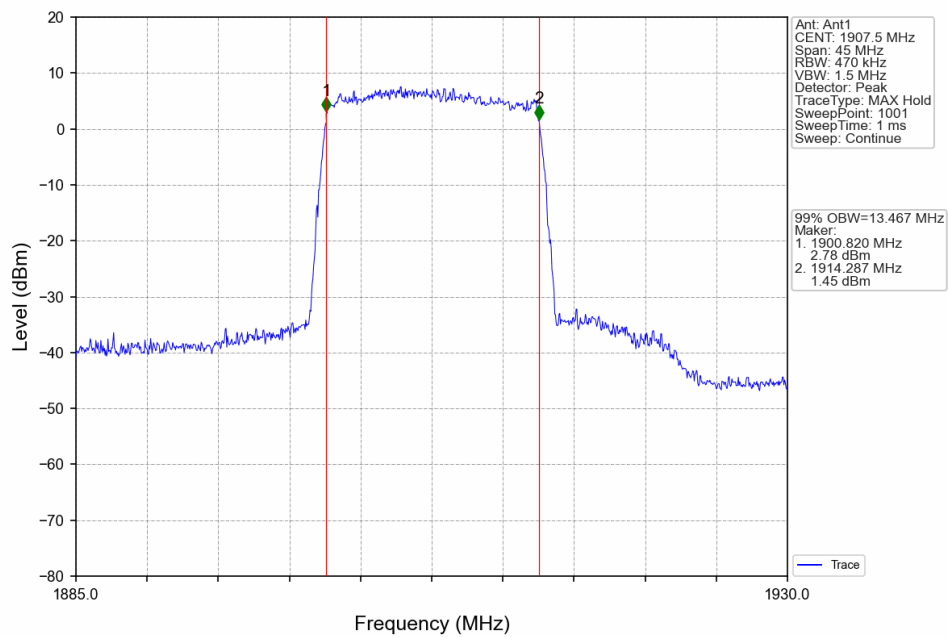
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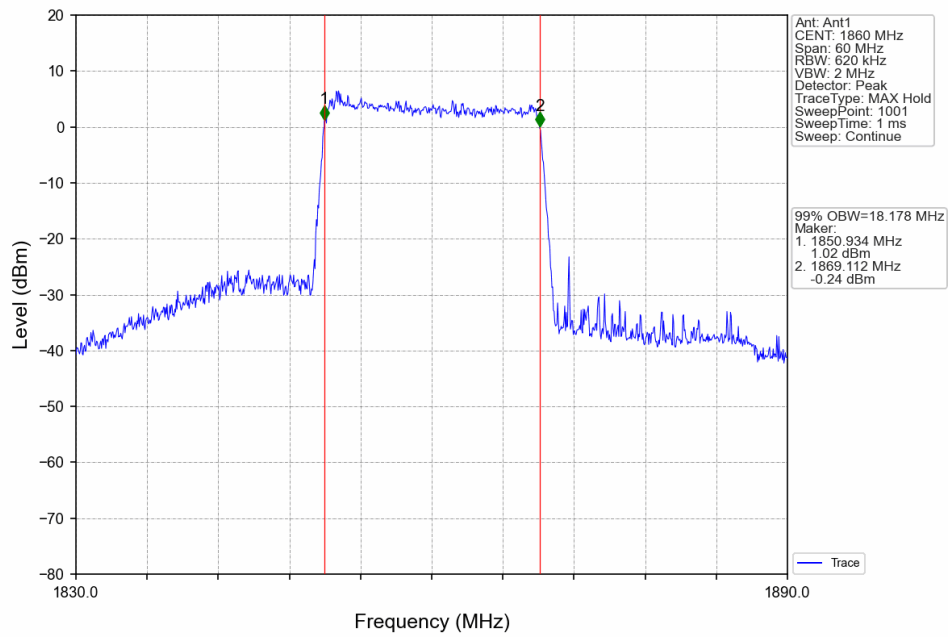
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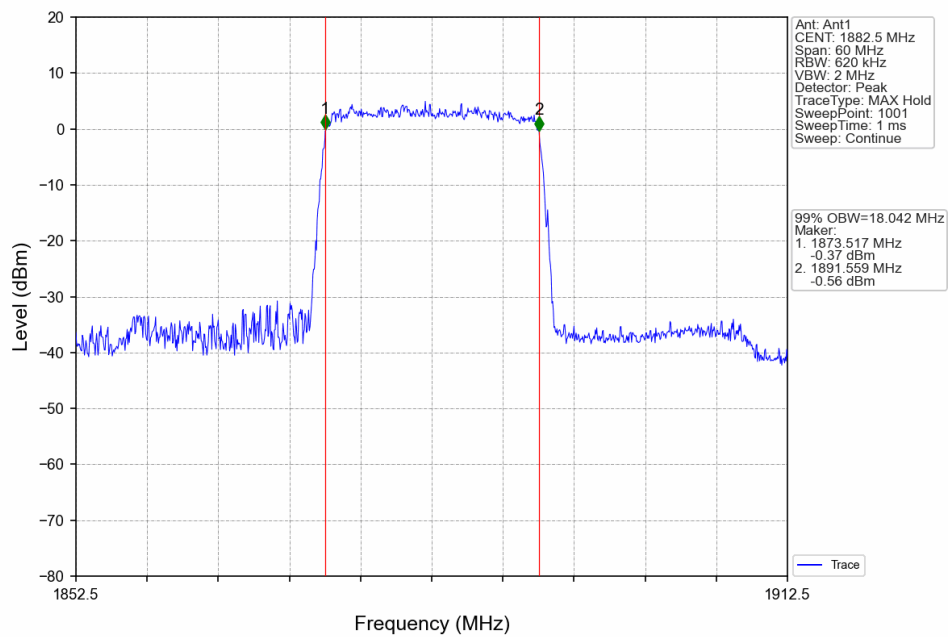
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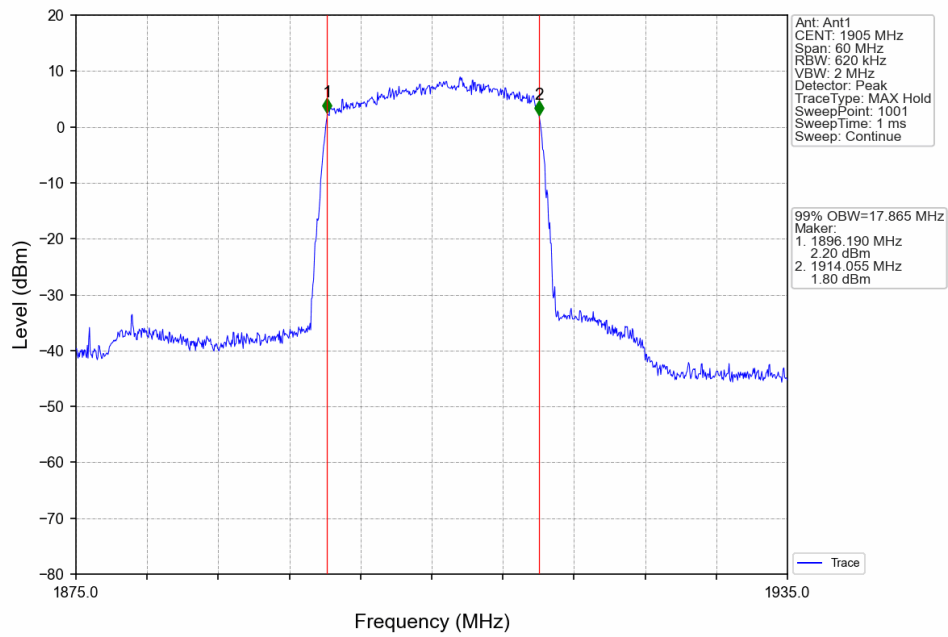
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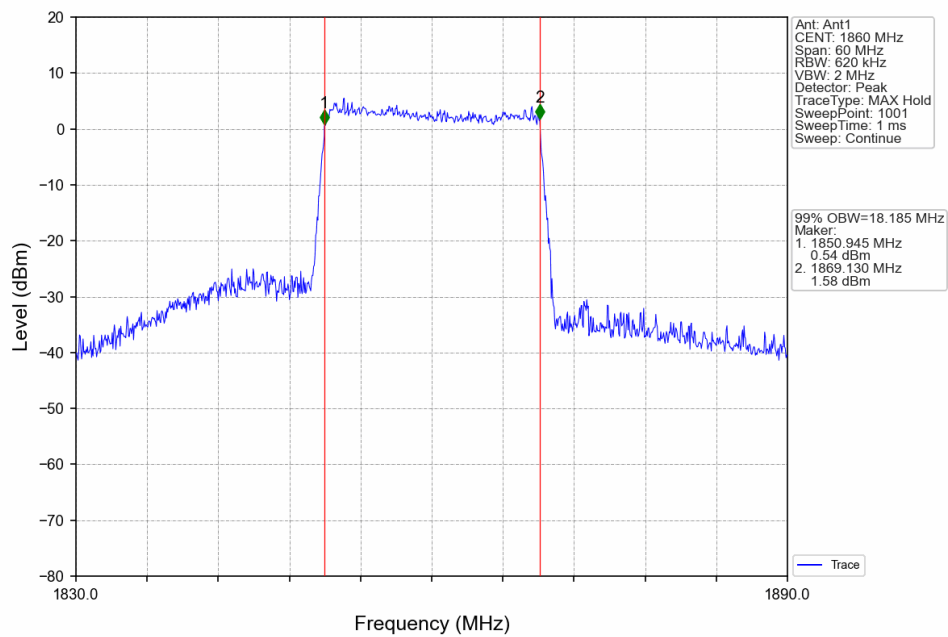
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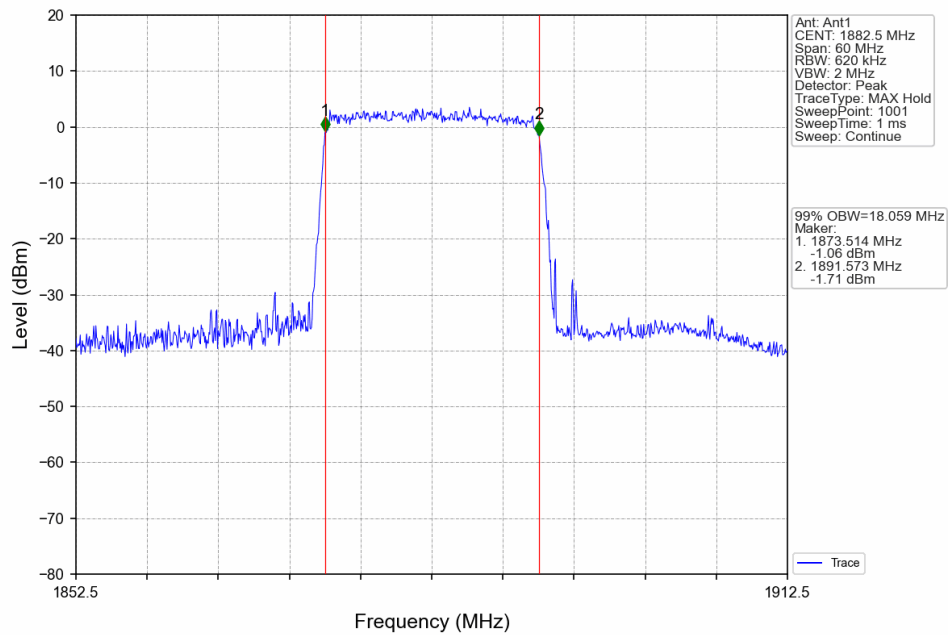
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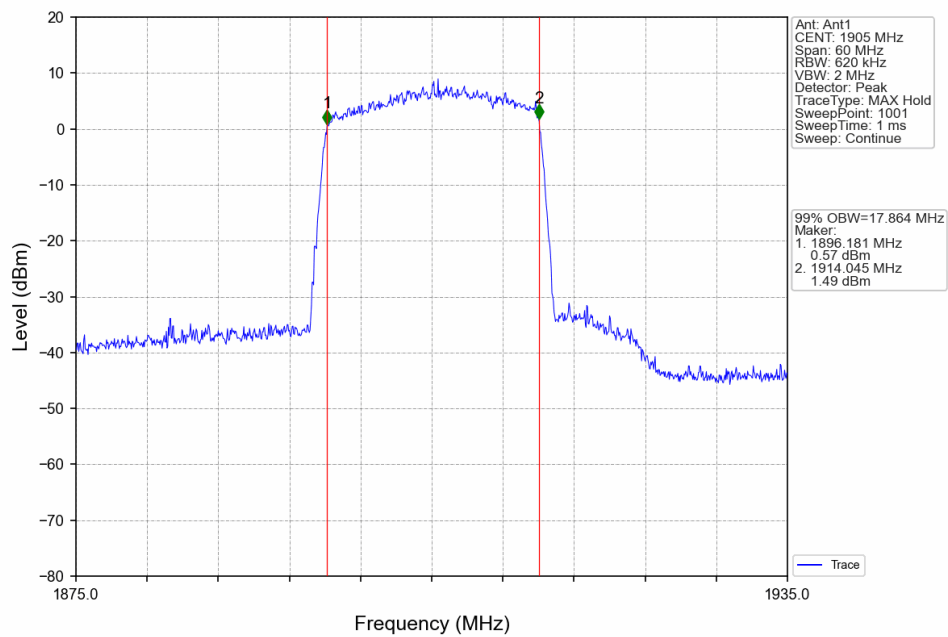
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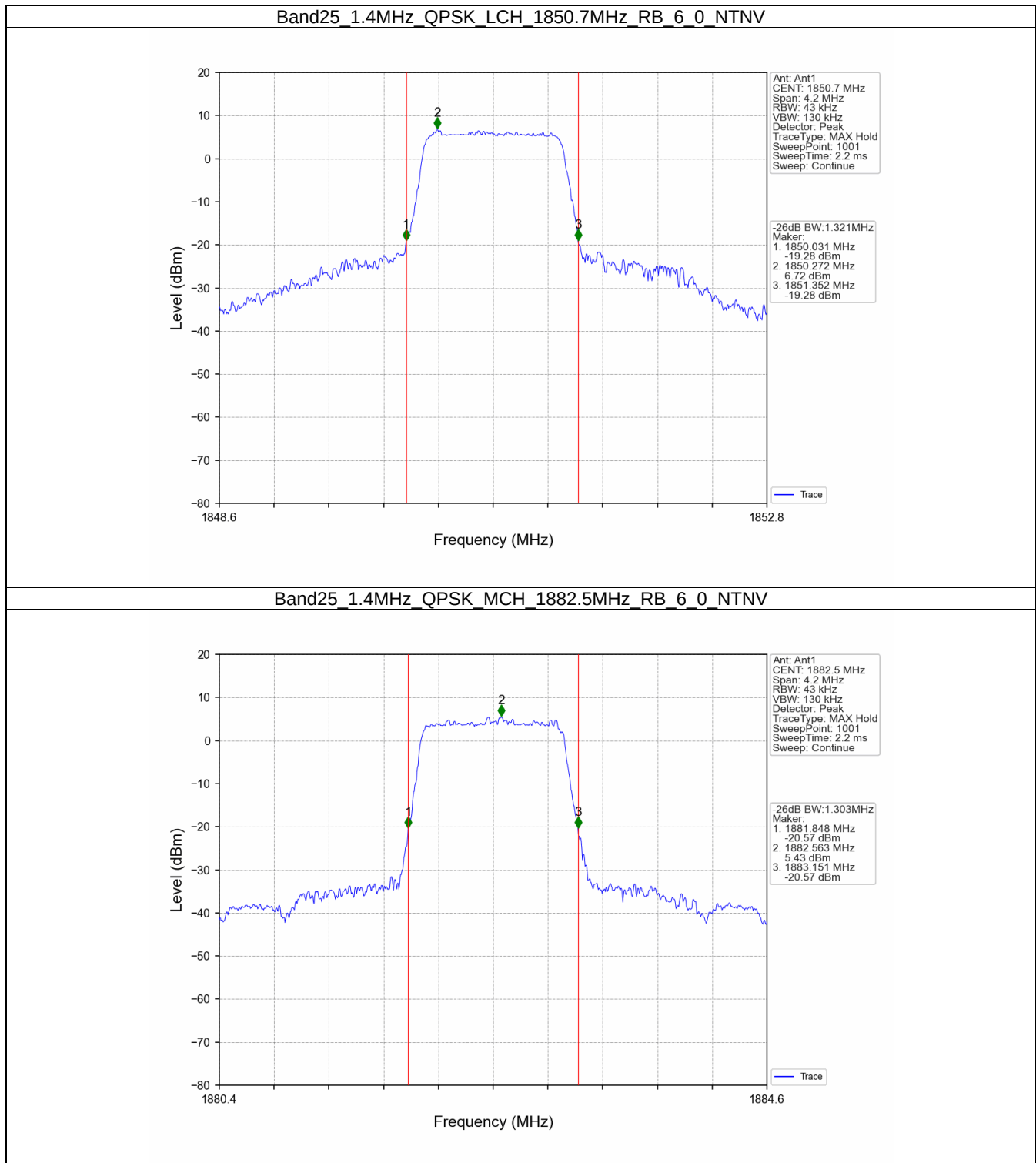
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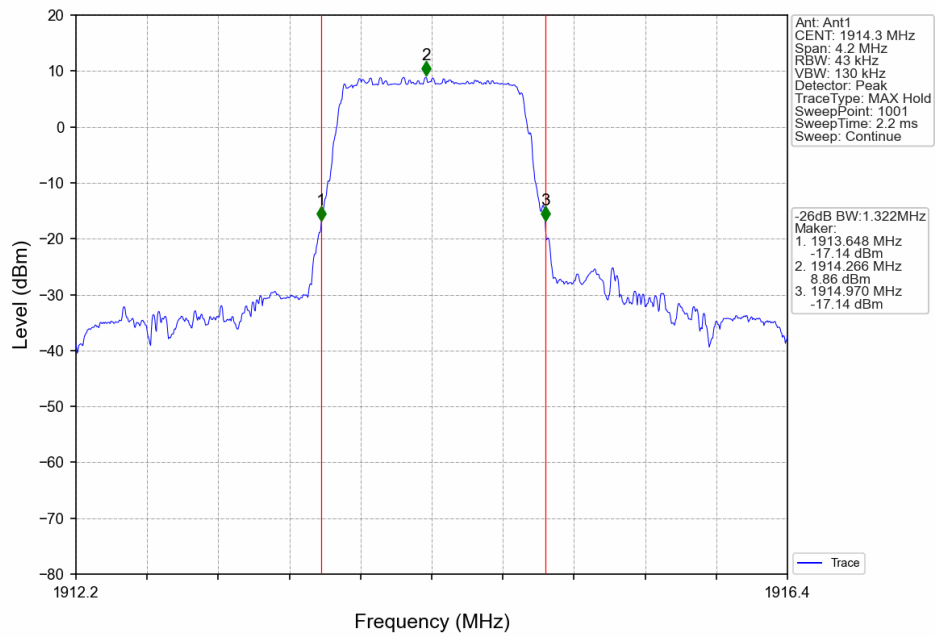
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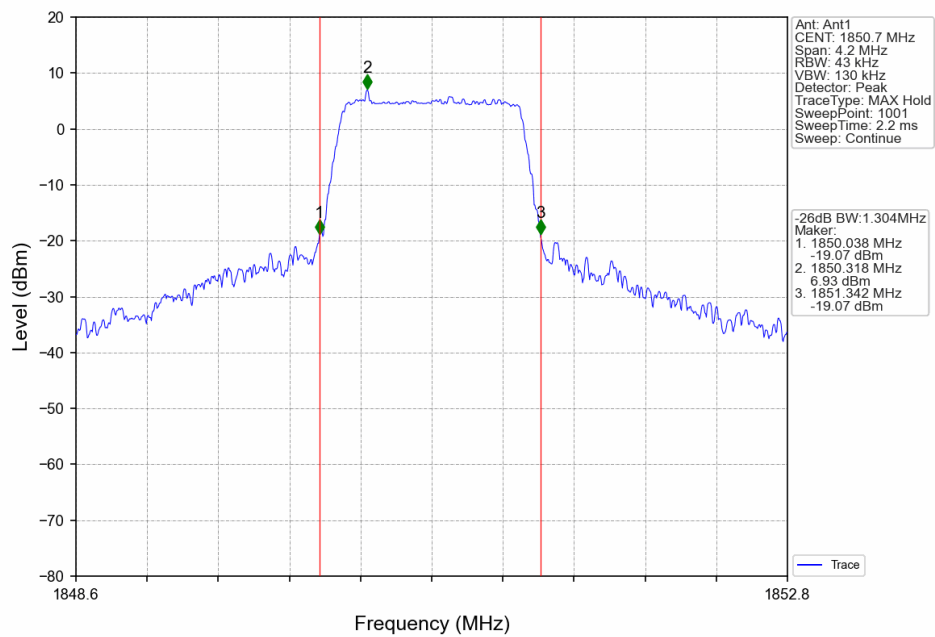
4.2.2 Band25_XDB



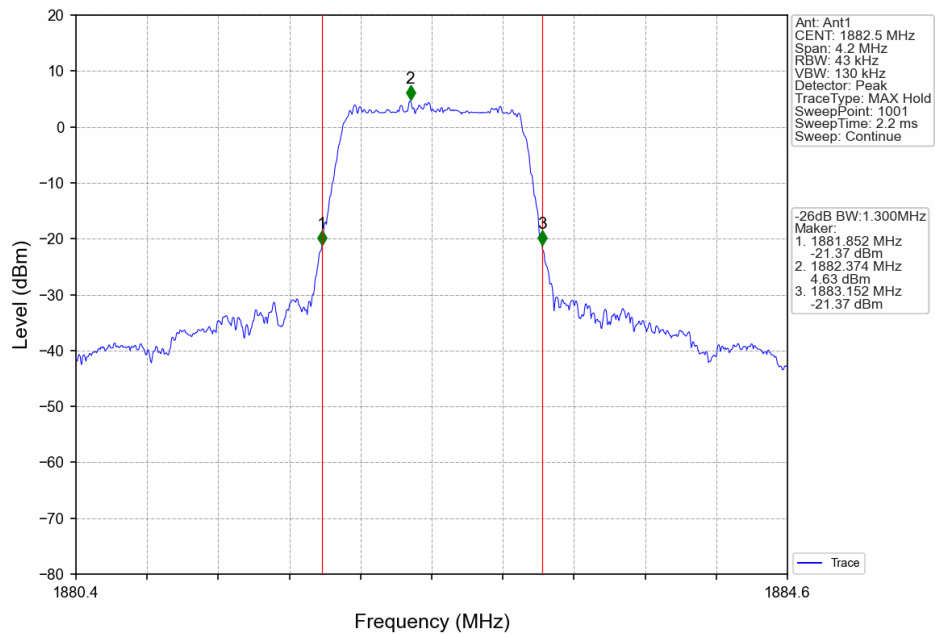
Band25 1.4MHz QPSK HCH 1914.3MHz RB 6 0 NTN



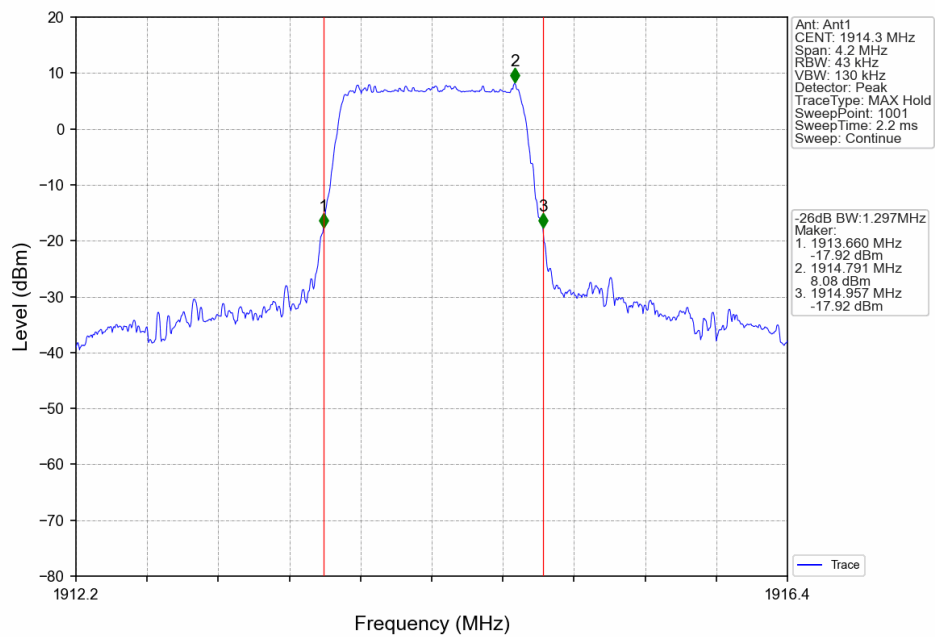
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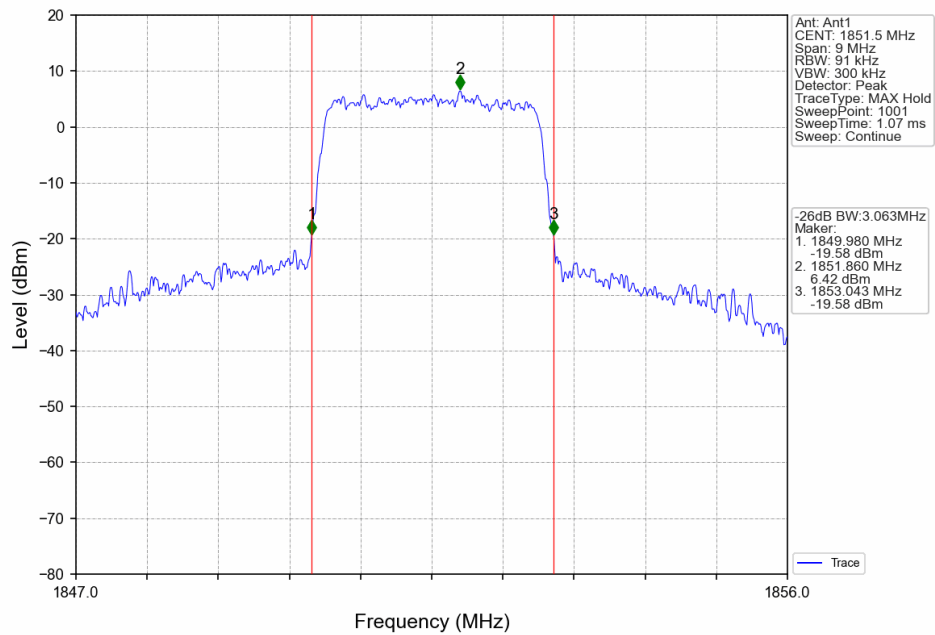
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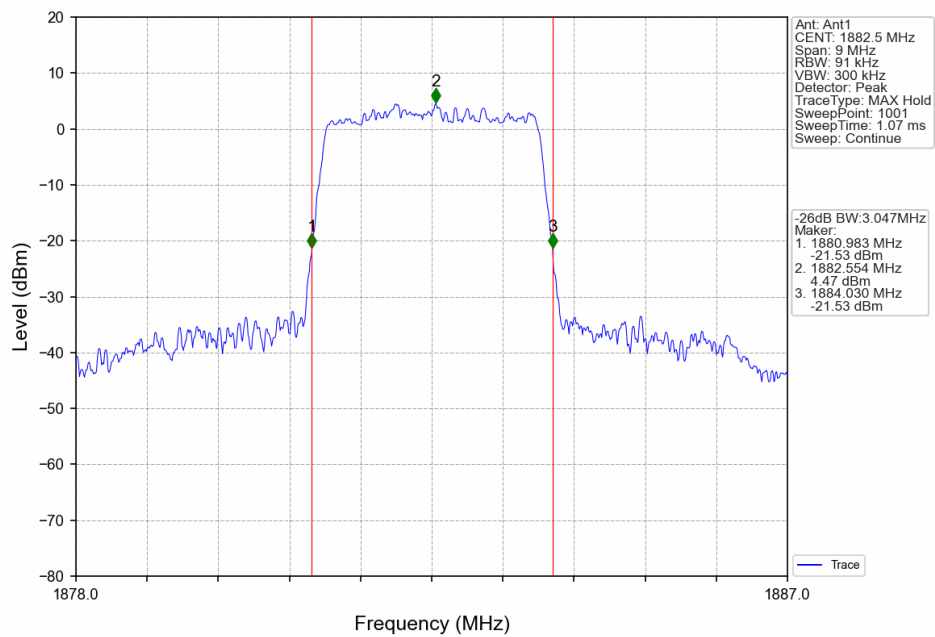
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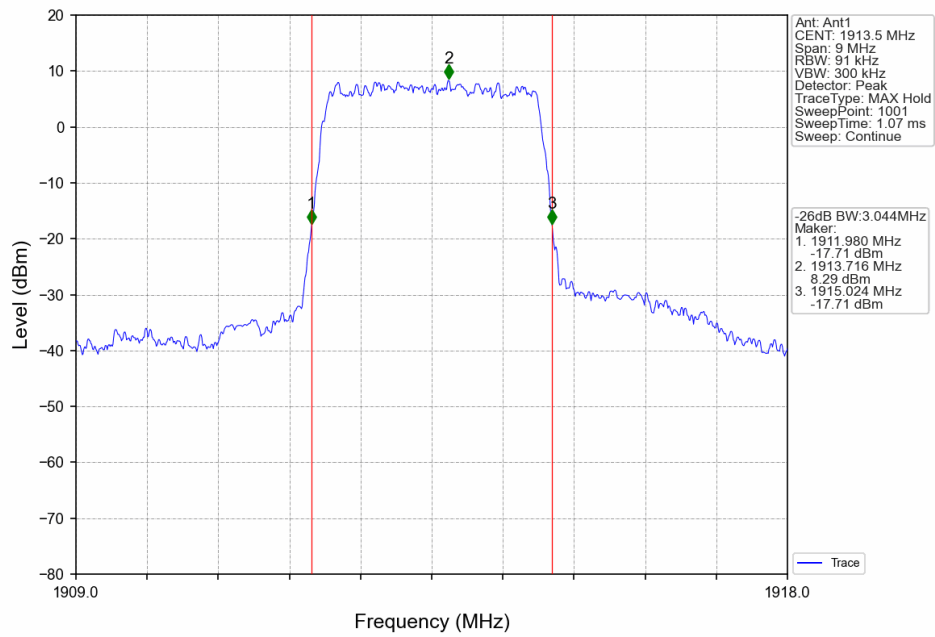
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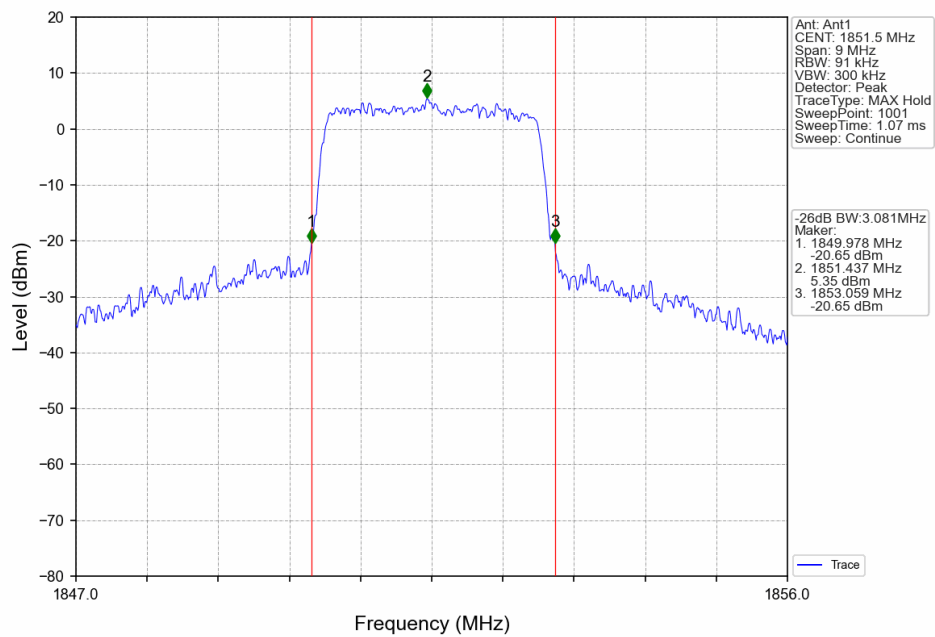
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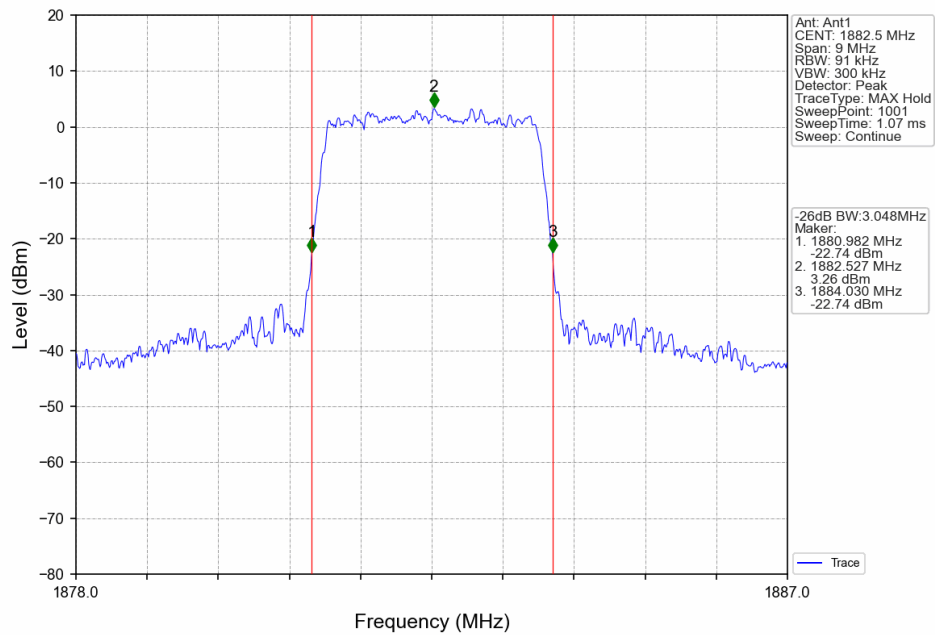
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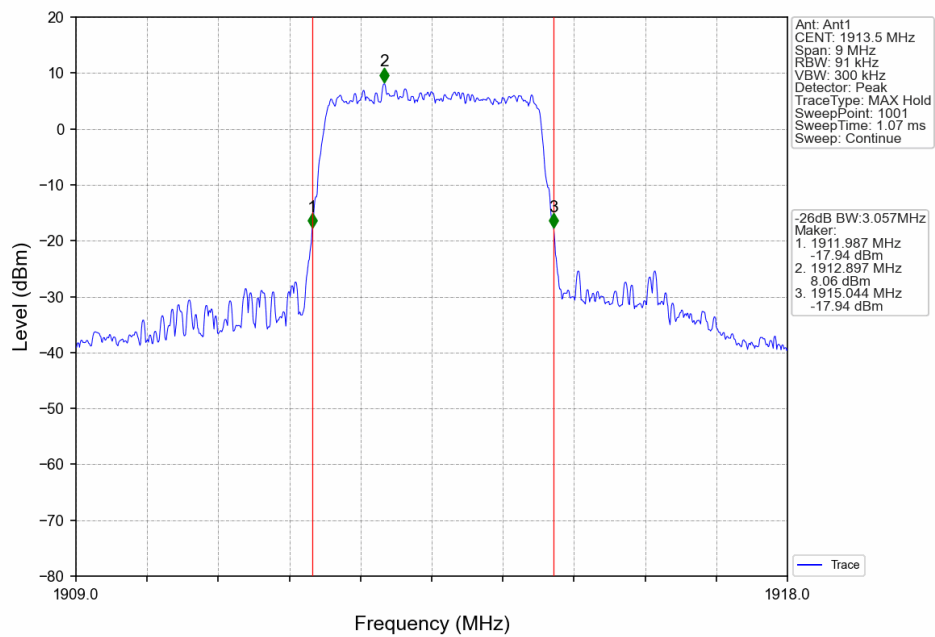
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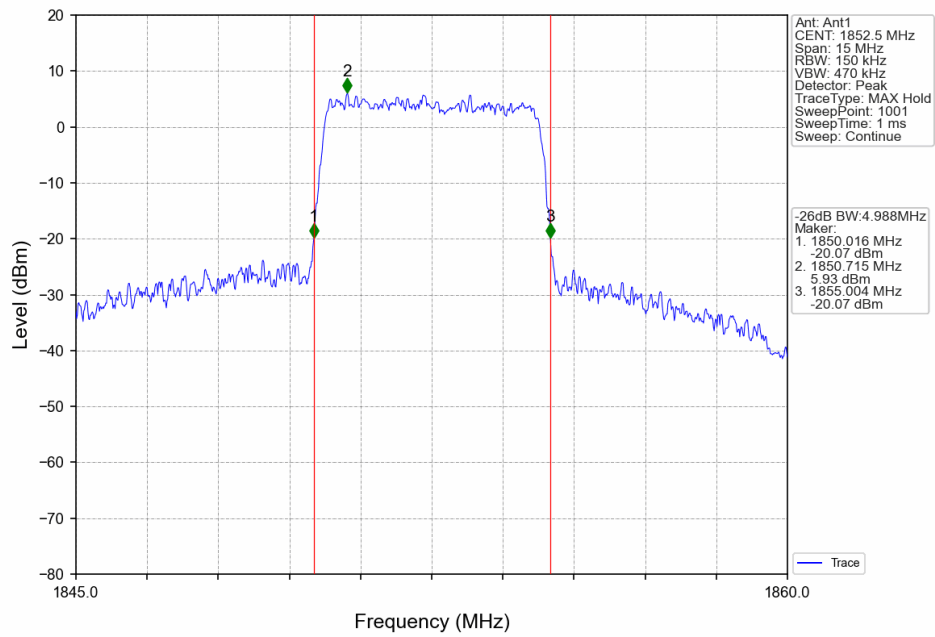
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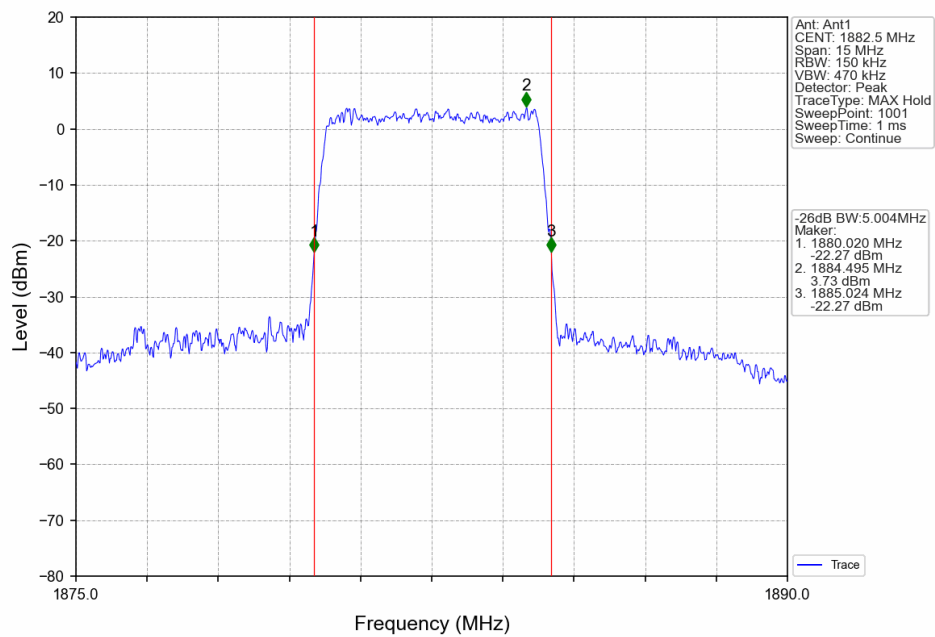
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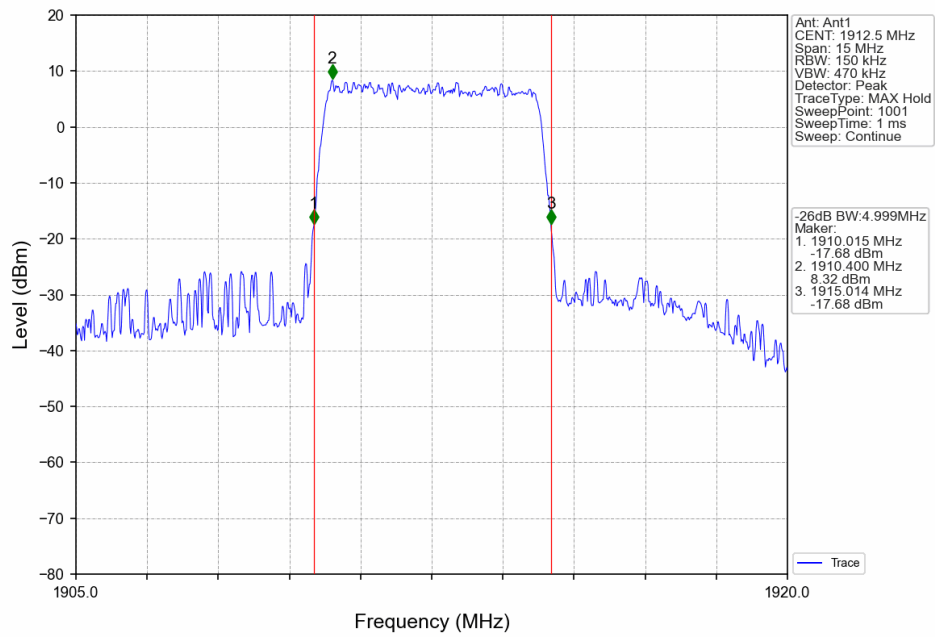
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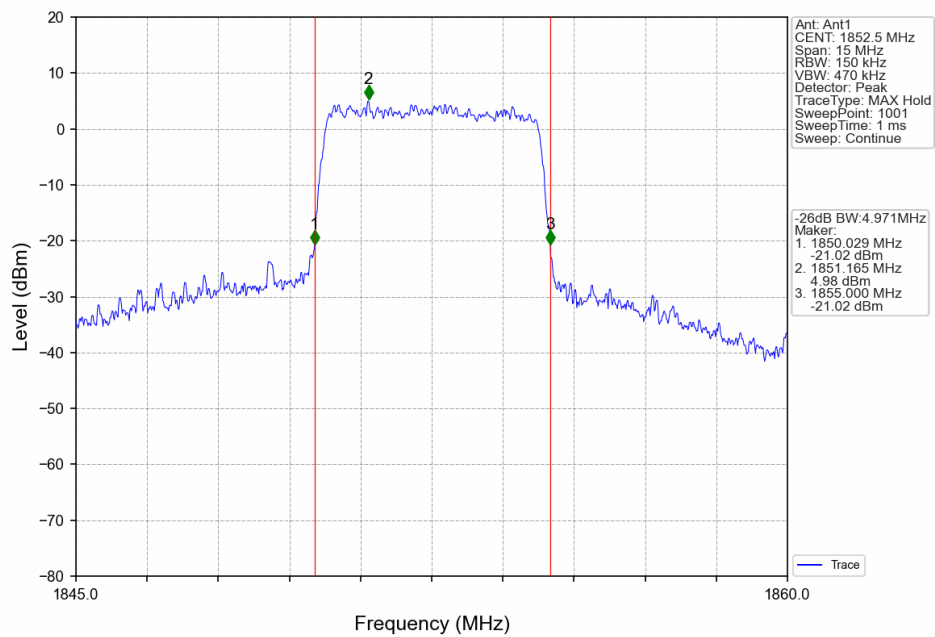
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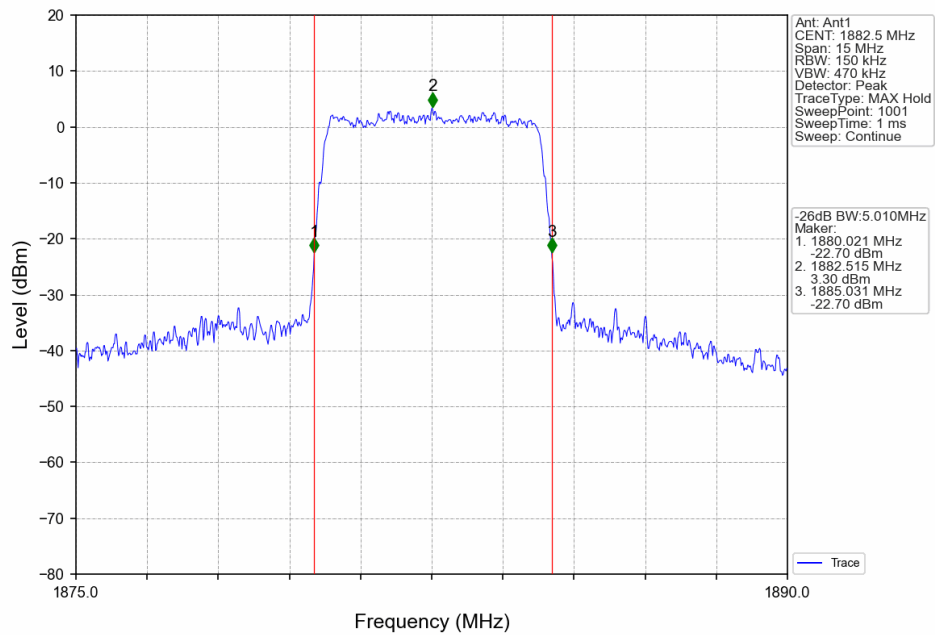
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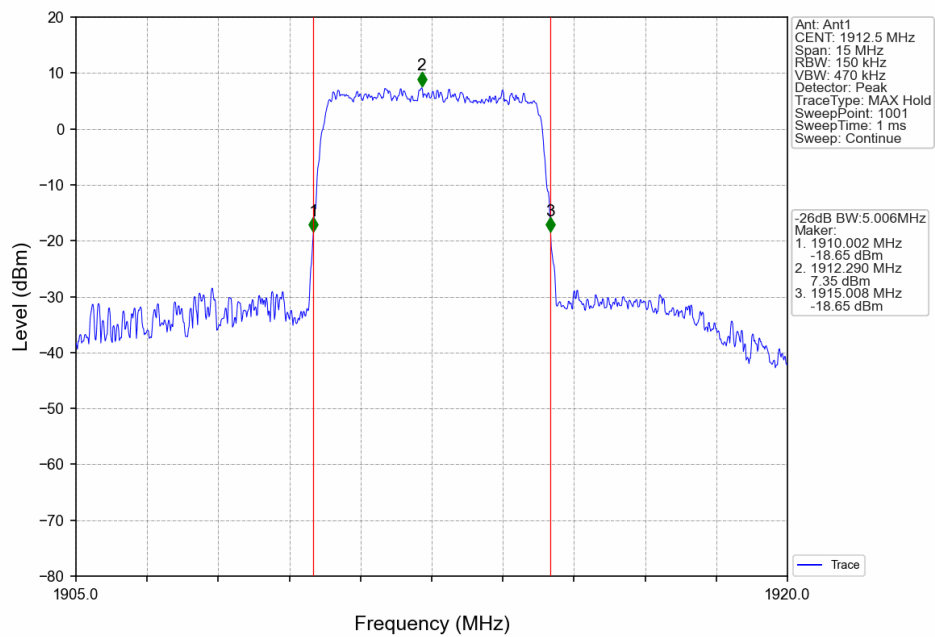
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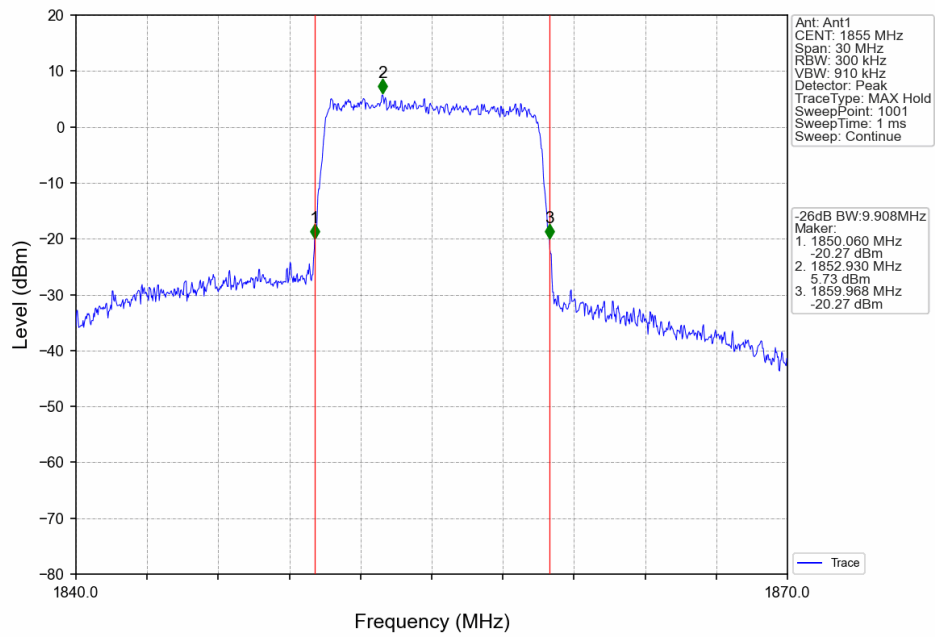
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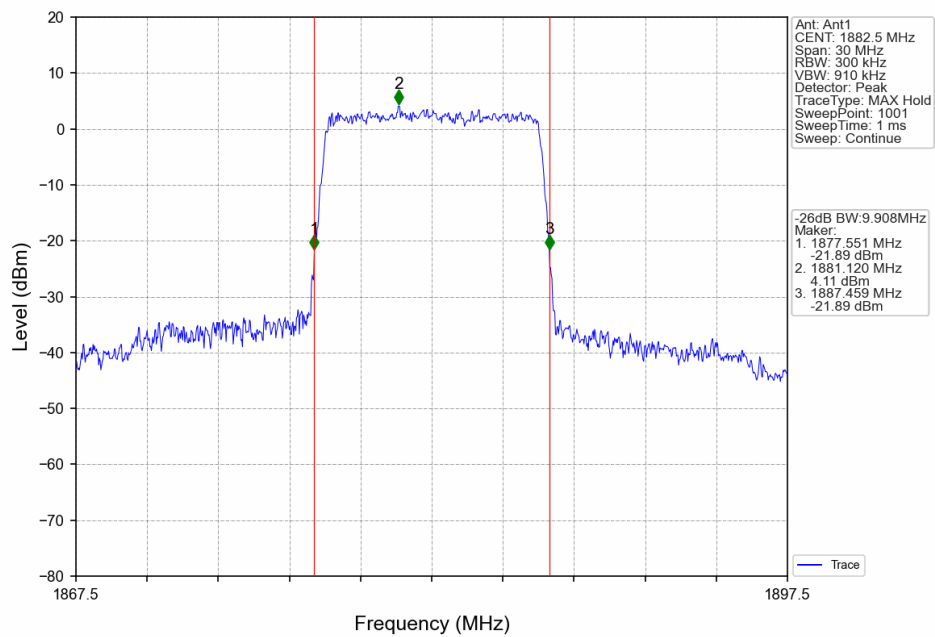
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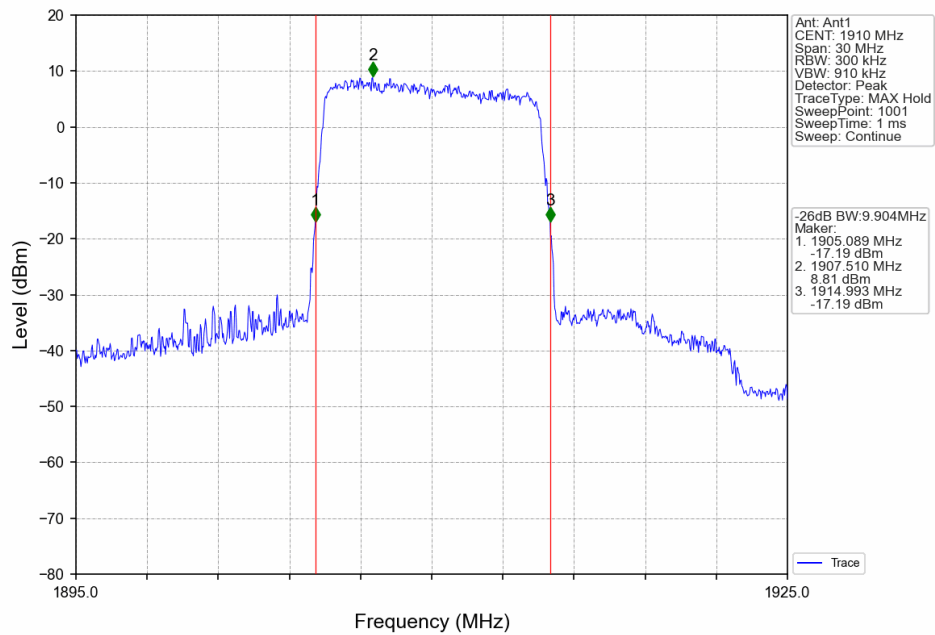
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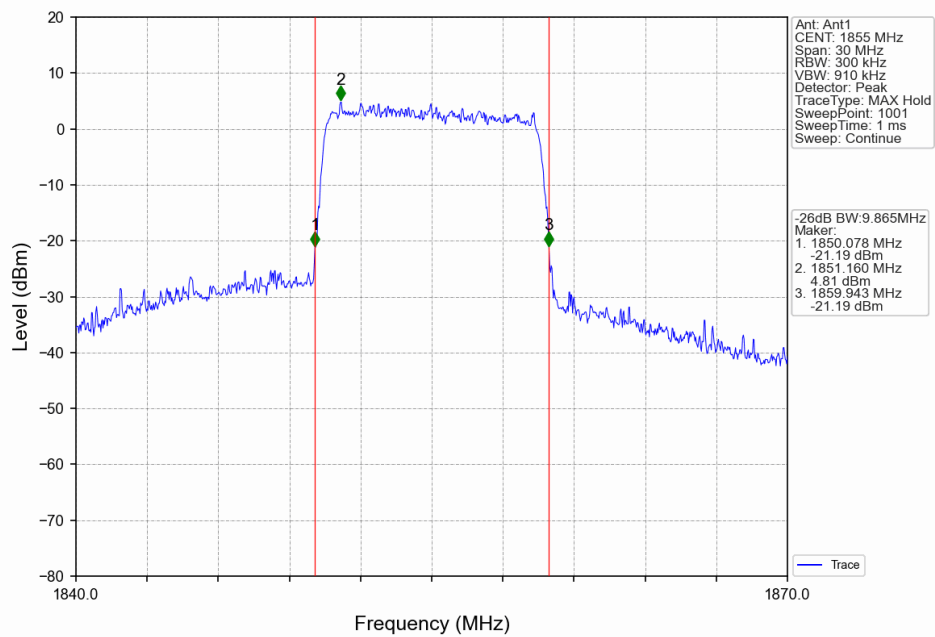
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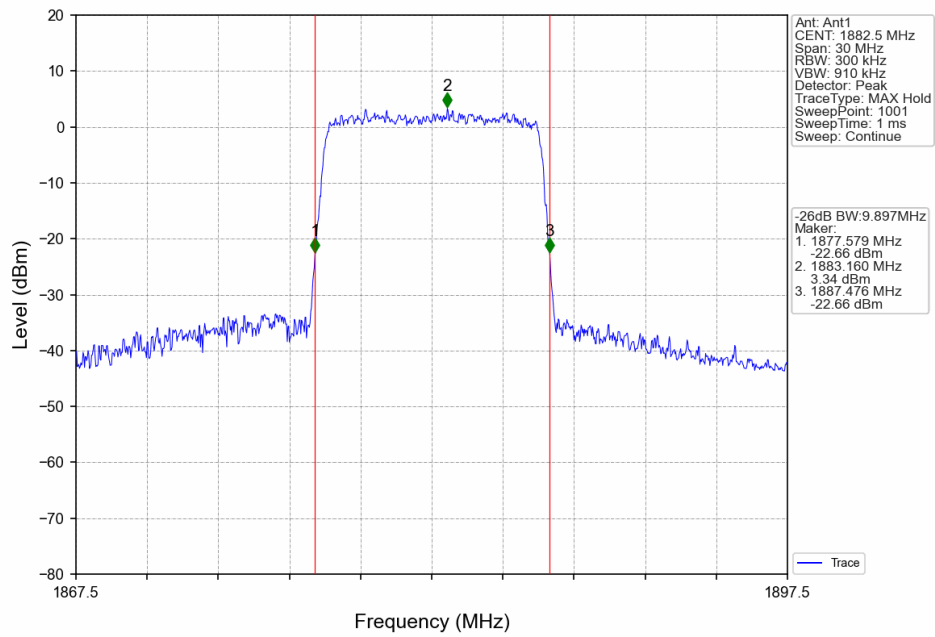
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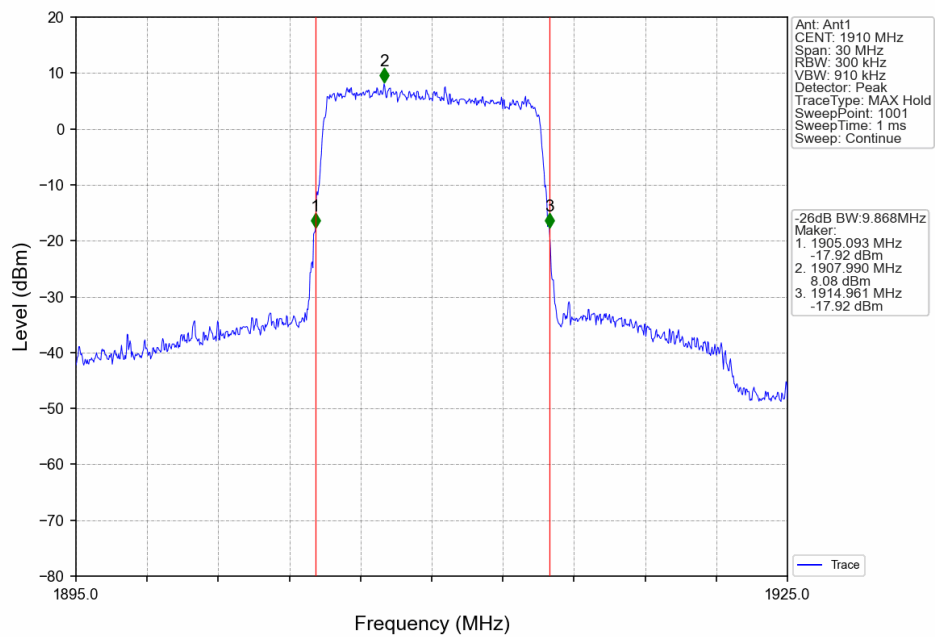
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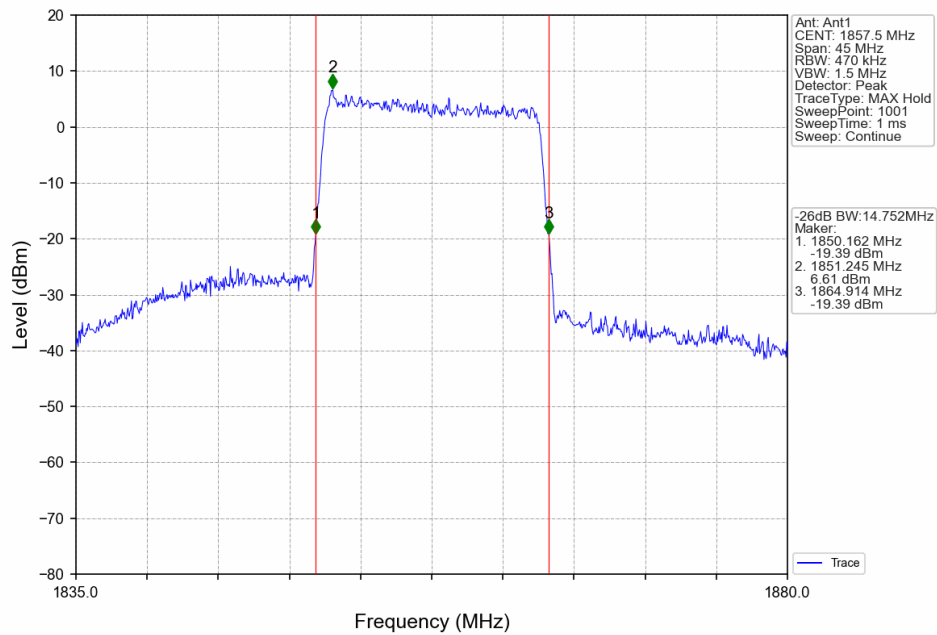
Band25_10MHz_16QAM_MCH_1882.5MHz_RB_50_0_NTNV



Band25_10MHz_16QAM_HCH_1910MHz_RB_50_0_NTNV



Band25_15MHz_QPSK_LCH_1857.5MHz_RB_75_0_NTNV



Band25_15MHz_QPSK_MCH_1882.5MHz_RB_75_0_NTNV

